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Hijjawi Alumni Success Stories

INSPIRING PATHS LIMITLESS FUTURE

Behind every success is a story. These are the journeys of Hijjawi students who dared to dream, worked hard, and made it happen

◆ **Let their stories inspire yours**

A WORD OF INSPIRATION FROM THE DEAN



It is with great pride that I present this booklet, which highlights inspiring stories of our students and graduates who turned their dreams into reality through determination, ambition, and knowledge.

These success stories are more than just personal achievements — they are proof that excellence begins with a step, grows with effort, and thrives with support and hard work.

We take great pride in every Hijjawi graduate who has carved a path in the world of innovation, leadership, and professionalism, and we see in them a guiding light for future generations.

At Hijjawi Faculty, we believe that every student has a story worth telling, and that the future begins the moment we believe in our ability to succeed.

Together, we build a brighter future worthy of our university and our country.

With my best wishes
for continued excellence and success,

Prof. Mohammad A. Alzubaidi

Dean, Hijjawi Faculty for Engineering Technology

STORIES THAT INSPIRE - JOURNEYS THAT MATTER

Hijjawi Faculty for Engineering Technology, success is more than a goal — it's a journey powered by passion, perseverance, and purpose.

This booklet is a celebration of the remarkable achievements of our students and graduates, who have transformed challenges into opportunities and dreams into reality. Through their stories, we shed a light on the diverse paths to success taken by Hijjawi Faculty graduates — each one is unique, yet all grounded in the values of hard work, innovation, and lifelong learning.

The order in which the graduates appear in this booklet carries no measure of rank or priority; every story is a shining example of achievement, and each journey stands on its own as a source of pride and inspiration.

These stories serve as a source of inspiration for current and future students, reminding us that within every Hijjawi student lies the potential to lead, create, and make a difference in the world.

We invite you to explore these journeys, be inspired by them, and envision your own path to success.

MOTHANNA GHARAIBEH

The Jordanian Minister of Investment

Eng. Mothanna Gharaibeh (Class of 2003), Founder/CEO of Fifth Advisory Services, Former Minister of Digital Economy and Entrepreneurship - Jordan. Mothanna Gharaibeh is the founder/ CEO of Fifth advisory services, which provides advice to several institutions in Jordan, Iraq, UAE, and Singapore. He is an executive board member of the Innovative SMEs and Startups Fund (ISSF) of Jordan, which is US\$100 million early-stage SME fund financed by the Central Bank of Jordan and the World Bank. As well as the head of the ICT and innovation committee in the American Chamber of Commerce in Jordan. In addition, Gharaibeh is a Chairman of Kun Academy an e-learning education platform.



Mr. Gharaibeh served as the Minister of Digital Economy and Entrepreneurship in Jordan 2018 - 2020. He was the youngest working minister in the cabinet at that time. During his service, he developed and launched Jordan's digital economy's plan with 200 MUSD over 5 years to advance digital infrastructure, digital platforms, digital financial services, digital entrepreneurship, and digital skills. Prior to joining the cabinet, Mr. Gharaibeh led Ericsson Business, the Swedish Telecom and Technology leader, operations in Jordan. He has an extensive technical and business experience around the Middle East where he worked with Ericsson in Oman, Syria, Afghanistan, Iraq and other countries in different roles and functions.

Prior to joining the Government in June 2018, Gharaibeh was a political and social activist, where he acted as a community leader amongst youth movements. He served on the board of the ICT Association, Justice Center for Legal Aid, and Taqaddam an initiative for an open, democratic, green, sustainable Jordan and initiatives for and other community, educational and political initiatives.

Gharaibeh earned his Bachelor's degree in Communication Engineering from Hijawi Faculty for Engineering Technology in 2003, and has attended executive courses in Harvard, Aspen Institute and business leadership courses with Ericsson.

AHMAD KHASAWNEH

*The President of Irbid National University | ICT
& Information Systems Leader*

Prof. Ahmad Khasawneh (Class of 1993) is the President of Irbid National University. He is a Professor of Information Systems at the Hashemite University of Jordan, where he also functioned as the Dean of Academic Development and International Outreach, Dean of Prince AL Hussein Bin Abdullah II Faculty of Information Technology, President Assistant and Director of Center Information, Communication and e-Learning Technology from 2007 through 2020.



He was responsible for establishing, managing and overseeing the execution of a comprehensive information technology strategy and quality assurance as well as international relationship and outreach for the university.

Before joining the Hashemite University in 2006, Dr. Khasawneh was the Chief Information Officer at University of Newcastle, Australia (2002 2006) and Chief ICT Engineer in ICT field and in ICT applications managing Galileo and Royal Jordanian Airlines, R&D project in Embassy of Jordan in United Kingdom since 1994, ranging from instrumentation development, to network deployment to IT applications.

Dr. Khasawneh has over twenty-eight years of experience and leadership in the information technology, higher education industry, quality assurance field including working at all levels of government, private and international sectors.

Dr. Khasawneh has participated in numerous research activities related to Cyber Security, Artificial Intelligence, Information Systems, Computer Network, Cloud Computing, Decision Support System, Data Mining, Data Security, Health and Management Information Systems and Software Engineering. He authored more than sixty- five refereed research papers published in reputable journals and conferences.

Dr. Khasawneh has taught Computer Science and Information Systems courses at various universities in the Jordan, Australia, Europe and Turkey maintaining high teaching standards. Dr. Khasawneh holds B.Sc., M.Sc. in Computer Engineering and Automatic Control and Ph.D. in Information Systems Science. He received his bachelor's degree from the Computer Engineering Department at Hijawi Faculty for Engineering Technology, and his Master and Ph.D. in 2006 were from Newcastle University, Australia.

ADI AZAR

*Entrepreneur | Founder of Remodeling.com
(Acquired by EverCommerce)*

Dr. Adi Azar (Class of 2004) completed his bachelors degree in computer engineering from Yarmouk University. He had a Masters and PhD from the University of Southern California, USA. Adi began his professional career working as a web application engineer for many companies including Cooking.com and YellowPages.com. During this period of time, he began unintentionally his business by launching various online properties to promote local businesses in the US market.



Later on, he focused on home services and promoted thousands of home improvement companies. In 2015, he opened his first Jordanian operation and hired 92 employees by 2018. In January 2020, his business (commonly known as Remodeling.com) was acquired by Ever Commerce (Nasdaq: EVCN) after five months of due diligence. He is currently working to launch another performance marketing business.

One thing Adi must say, if it is not for the amazing faculty members at Yarmouk University who taught him programming, data structure and more, he will never prosper. He learned digital marketing and business development working for US companies. But the engineering foundation was truly built in Yarmouk. He will be grateful forever for Yarmouk University.

ALI AL-QUDAH

Biomedical & Informatics Engineer

Eng. Ali Al-Qudah obtained his Bachelor's and Master's degrees from the Department of Biomedical and Informatics Engineering with an excellent GPA, and he is now a very active researcher who has published more than 35 researches in prestigious scientific journals, and was recently classified among the top 2% of researchers in the world, according to the updated database of scientific researchers for standardized citation indicators prepared by Stanford University and the international publishing house.



KHALDOUN MIQDADI

Architect | AI & Robotics Researcher

Eng. Khaldoun Miqdadi, one of the 2018 graduates of the first batch of Architecture from Hijjawī Faculty for Engineering Technology, was selected by the prestigious Chevening Scholarship, offered by the British government, to study for a master's degree in Computational Neuroscience/ Artificial Intelligence and Robotics. This selection was made after a long effort of preparation and submission for exams and tests, which ended with obtaining this scholarship, which is one of the most prestigious international scholarships.



ABUALKHAIR ALKHATEEB

*Engineering Executive | Industrial Scientist |
Patent Holder*

Dr. Abualkhair Alkhateeb (Class of 2005) is an engineering executive and has been working in the U.S. industrial market for the past 17 years. He is a U.S. patent holder and a scientist. Through his industrial experience, Alkhateeb has worked for different employers most of which are among the highly ranked in the fortune-500 companies the United States, such as but not limited to General Electric (GE), NOKIA and Chrysler (FCA), Alkhateeb has had a unique opportunity to accumulate a valuable engineering and managerial asset in the aviation industry, defense, wireless communication/networking, medical imaging (MRI) and automobile manufacturing, where he at each of the aforementioned industries, has played a key role in the development process and he at each has left a fingerprint to tell the story.



Through his Ph.D. studies, Alkhateeb was assigned to investigate a potential technical threat to GPS navigation aids at U.S. airports that was of great concern to the U.S. Federal Aviation Administration (FAA). The FAA has fully funded his research which has officially been the first in the USA to successfully investigate the GPS Jamming Impact of Vehicle-level Personal Privacy Devices (PPD) antennas radiation pattern on the Local Area Augmentation System (LAAS) for precision approach and landing of aircrafts at commercial airports.

Alkhateeb has heavily contributed to both the industrial and the scientific research community with rewarding industrial achievements and quality publications including U.S. issued patents and research work most of which, have been funded by various governmental and non-governmental entities. His research has been recognized and supported by prestigious and premier research & academic institutions such as NASA, Harvard-Smithsonian Center for Astrophysics (Harvard University) and a number of U.S. government agencies, most of whom have yet reviewed and officially selected Alkhateeb's research contributions as U.S. government authoritative federal science information. He has served most of the aforementioned entities as a Scientific Advisor. His research has also been published by leading Journals and conferences such as The U.S. Institute of Navigation (the NAVIGATION Journal) & IEEE, leading publishers and organizations such as WILEY & the WORLD WIDE SCIENCE.

Alkhateeb has earned his Bachelor's degree in Communication Engineering from Hijawi Faculty for Engineering Technology at Yarmouk University in Jordan, Master's and Ph.D. in Electrical and Computer Engineering at Oakland University in the USA.

HUSSEIN ALZOUBI

*Technical Lead | Cloud Security &
Identity Infrastructure*

Dr. Hussein Alzoubi (Class of 2003) is a senior Software Engineer at Google serving as the Technical Lead for the Security and Identity Infrastructure group for Google Cloud. Dr. Alzoubi is leading the group with focus on implementing and deploying Cloud specific cryptographic infrastructure and Identity solutions to accommodate Google, Google Cloud, and Cloud's Customers.



Dr. Alzoubi initially joined Google to work with the Cloud's Network Routing and Load Balancing group (GFE) as a Senior Software Engineer. With the Group, Dr. Alzoubi helped with implementing and deploying a multi-cloud load balancing solution able to handle request routing and load balancing across multi-cloud and on-premise instances. Prior to joining Google, Dr. Alzoubi served as a Senior Software Engineer at Bloomberg LP. in the Internal systems and infrastructure group. Dr. Alzoubi focus was load balancing, network routing and network operations support. Dr. Alzoubi earned his Doctorate and Masters' degrees in Computer Engineering from Case Western Reserve University (2015, 2007). And his Bachelor's degree from Yarmouk University in Computer Engineering (2003). During his graduate studies, Dr. Alzoubi research was focused on Content Delivery Networks, Load Balancing and Network/Request Routing. Dr. Alzoubi's main publications:

- H. Alzoubi, M. Rabinovich, S. Lee, O. Spatscheck, and J. Van Der Merwe. "Revisiting Anycast for Content Delivery Networks" Book Chapter. Chapter 10 of "Advanced Content Delivery and Streaming in the Cloud" by M. Pathan, R. Sitaraman And D. Robinson. Published by John Wiley & Sons, Inc.
- H. Alzoubi, M. Rabinovich, and O. Spatscheck, "The Anatomy of LDNS Clusters: Findings and Implications for Web Content Delivery". The 22nd International World Wide Web Conference. May 2013. PP: 8394-.
- H. Alzoubi, M. Rabinovich, and O. Spatscheck. "Performance Implications of Unilateral Enabling of IPv6". The 14th Passive and Active Measurement Conference, April 2013. PP: 115124-
- H. Alzoubi, S. Lee, M. Rabinovich, O. Spatscheck, and J. Van Der Merwe. "A Practical Architecture for an Anycast CDN". ACM Transactions on the Web, Oct 2011 issue.
- Z. Al-Qudah, H. Alzoubi, M. Allman, M. Rabinovich, and V. Liberatore. "Efficient Application Placement in a Dynamic Hosting Platform". The 18th International World Wide Web Conference, April 2009.
- H. Alzoubi, S. Lee, M. Rabinovich, O. Spatscheck and J Van Der Merwe. "Anycast CDNs Revisited". The 17th International World Wide Web Conference, April 2008.
- H. Alzoubi, M. Rabinovich, and O. Spatscheck. "MyXDNS: A Request Routing DNS Server With Decoupled Server Selection". The 16th International World Wide Web Conference, May 2007.

MOHAMMAD ALSALEH

*Wireless Communication & Software
Engineer | Firmware Specialist*

Dr. Mohammad Alsaleh (Class of 2005) completed his Bachelor degree in communication engineering from Yarmouk University. He moved the same year to the U.S. where he obtained his Masters degree from Virginia Tech in 2007. He joined Qualcomm upon graduation as a software engineer in the WCDMA team where he helped building the different chipsets that went in most of the smartphones used by most people around the

world. During his work at Qualcomm, he filed many patents in the area of power-control, that all made it to the different iPhone chips.

He joined Intel in 2013 where he started the Firmware Verification Lab and led a team to deliver the first Intel LTE modem. Mohammad joined MathWorks upon finishing his Ph.D. from Purdue University in 2019 and spent two years supporting the Aerospace sales team. He then joined Booz Allen Hamilton in 2021, and since then he has been working on different projects in the areas of Wireless Communication, Sensor Fusion, and Artificial Intelligence.

Mohammad has always reached to his previous engineering faculty at Yarmouk university for consulting, advice, and show appreciation. He keeps an eye on the growth of the Hijawi faculty of engineering to whom he owes where he reached today.



AL-ANSARI ALMASHAKBEH

Senior Technical Adviser | Board Member - TRC

H.E. Eng. Al-Ansari Mohammad Almashakbeh (Class of 1996) is an experienced regulator, with more than 26 years of executive and senior management experience in regulatory bodies in the Arab region. He was member of the Telecommunications Regulatory Commission of Jordan (TRC) board of Commissioners during Sep, 2011 to Sep, 2019, and TRC Vice-chairman from Sep, 2015-to Sep, 2019, Currently, he is the Senior Technical Adviser to the TRC since Oct, 2019.



His experience extends to over 26 years of practical specialized experience in the various fields of ICT and its aspects of regulations (legal, economic / commercial, and technical) and technology issues. His specialty focuses on the fields concerning the regulation of access and interconnection, standards issues, numbering, licensing, and technical and technological studies, consumer protection, in addition to his experience in regulating the postal sector.

He joined the TRC in 1996 and served during his service in several leading managerial positions, the latest being in 2005 as Director of the Regulatory Department, whereas he has provided advice to the CEO of the TRC on all regulatory and licensing matters and recommend the necessary course of actions. Throughout his career, he took over a variety of tasks, notably:

- Participated in the various activities, accompanied the foundation of the Telecommunications Regulatory Commission in Jordan, concerning the licensing of new services and adopting the necessary regulatory frameworks for the work of the Commission at that stage.
- Participated in the development of the regulatory framework to promote the entry of the private sector in the telecommunications sector.
- Management of several important projects within TRC such as the preparation of the new regulatory framework for interconnection and its application, and the revision and implementation of the National Numbering Plan.
- Chaired many specialized working committees relating to TRC's work.
- Participated in the projects of liberalizing the telecom sector and the implementation of the new integrated licensing regime.

As a TRC representative, he participated in various committees assigned with drafting several draft laws, bylaws, and regulations related to the ICT and Postal sectors, as well represented Jordan in several ITU meetings; specifically, he had participated effectively in the several ITU meetings. He also was member of the Bureau of the Telecommunication Development Advisory Group (TDAG) of the ITU-D sector between 2014--2022.

Eng. Al-Mashakbeh holds a Master's Degree in Digital Communication Systems & Technology from Chalmers University of Technology, Sweden, 2002 and Bachelor of Applied Engineering with major in Electronics Engineering from Hijjawi Faculty for Engineering Technology/Yarmuk University, 1996. He also obtained a specialized Certificate in Telecommunications Regulations in 1998 from City University, UK.

YAZAN ALSMADI

Associate Professor | Power Systems
Researcher

Dr. Yazan Alsmadi (Class of 2010) received the B.S. degree (Summa Cum Laude, first in class) in Electrical Power Engineering from Hijjawi Faculty for Engineering Technology at Yarmouk University, Jordan, in 2010, and the M.S. and Ph.D. degrees in Electrical and Computer Engineering from The Ohio State University (OSU), Columbus, OH, USA, in 2012 and 2015, respectively.



He is currently an Associate Professor in the Electrical Engineering Department at Jordan University of Science and Technology, Irbid, Jordan. He has also served as a Senior Lead Engineer at American Electric Power (AEP), the largest transmission utility in the United States during the period 2016--2019. Dr. Yazan Alsmadi (Class of 2010) received the B.S. degree (Summa Cum Laude, first in class) in Electrical Power Engineering from Hijjawi Faculty for Engineering Technology at Yarmouk University, Jordan, in 2010, and the M.S. and Ph.D. degrees in Electrical and Computer Engineering from The Ohio State University (OSU), Columbus, OH, USA, in 2012 and 2015, respectively. He is currently an Associate Professor in the Electrical Engineering Department at Jordan University of Science and Technology, Irbid, Jordan. He has also served as a Senior Lead Engineer at American Electric Power (AEP), the largest transmission utility in the United States during the period 2016--2019.

Dr. Alsmadi has a wide international research and consulting experience in the power and energy area. He has served as a consultant to several international companies. He has also participated in the establishment of the Center for High Performance Power Electronics (CHPPE) (\$10 M) at The Ohio State University. This involved managing the acquisition of over three million dollars' worth of capital assets; performing engineering, design, research and development activities; and providing technical guidance and direction to assigned staff as required. Dr. Alsmadi also has a wide experience in engineering training and education; improving the effectiveness of higher education; and STEM-based training and teaching initiatives.

Dr. Alsmadi is the recipient of several prestigious awards. This includes the Role Model Recognition from American Electric Power (2018), W. Portnoy Award, IEEE IAS Power Electronics Devices and Components Committee (IEEE-PEDCC) in 2017, Outstanding Performance Award (2016) from American Electric Power, Presidential Fellowship (2014), the most competitive and prestigious scholarly recognition provided by The Ohio State University Graduate School; the Best Presentation Award at the IEEE Energy Conversion Congress & Expo (ECCE 2014); the Distinguish Service Award at the 2012 & 2013 IEEE Columbus Spring Awards Banquets; and the Yarmouk University Presidential Award for academic distinction (2008).

Dr. Alsmadi served as an Exhibition Chair for the First International IEEE Workshop on Wide Bandgap Power Applications (WIPDA) in 2013, and as a Program Chair of the First Annual Review Meeting of the Center for High Performance Power Electronics (CHPPE) in 2012. He also served as a president for the IEEE Graduate Student Body at The Ohio State University (IEEE GSB), which is the first IEEE graduate student body worldwide. Dr. Alsmadi's current research interests include modeling, advanced control and grid integration of renewable energy conversion systems; advanced control theory of distributed power and variable speed systems; and the development of power electronics systems for renewable energy applications.

HAITHAM ALASHA'ARY

*Associate Professor | Acting Vice-Dean – Faculty
of Engineering, Al-Hussein Bin Talal University*

Dr. Haitham Ali Mohammad Alasha'ary (Class of 2000) enrolled as an undergraduate student in Hijjawi Faculty for Engineering Technology (formerly Hijjawi Faculty for Applied Engineering) at Yarmouk University in 1994, majoring in Electronics Engineering. Dr. Alasha'ary graduated and obtained his Bachelor degree in Electronics Engineering (minoring in Biomedical Engineering) in February 2000.



After graduation, he worked for two academic years as a computer and mathematics teacher in the Ministry of Education (at different schools in the cities of Wadi Musa and Ma'an).

In 2002, Dr. Alasha'ary attained an academic scholarship from Al-Hussein Bin Talal University (a governmental university in the Governorate of Ma'an) to pursue his postgraduate education (Master's and Ph.D. degrees). He obtained his Master degree in Biomedical Engineering from the University of New South Wales (Australia) in 2003, and his Ph.D. degree in Electrical and Computer Engineering from the University of Newcastle (Australia) in 2010.

Dr. Alasha'ary started his professional academic career at Al-Hussein Bin Talal University in January 2011 as an Assistant Professor in the Department of Computer Engineering/Faculty of Engineering. He was promoted academically to Associate Professor in January 2016 and is currently preparing to apply for the academic promotion to Full Professor rank in the near future.

Administratively, Dr. Alasha'ary was assigned the following managerial positions at Al-Hussein Bin Talal University (Faculty of Engineering):-

- Acting Head of Computer Engineering Department during the periods (February 2013 till September 2016) and (October 2020 to date).
- Acting Vice-Dean for Development and Quality Affairs during the period (December 2018 till December 2020).
- Acting Vice-Dean during the period (December 2020 to date).

Research interests for Dr. Alashaa'ary lie in the following general knowledge fields, in which he published many articles in scientific, refereed, indexed and classified journals:

- Automatic Control Systems.
- Digital Signal & Image Processing.
- Artificial Intelligence (specifically: Fuzzy Logic, Artificial Neural Networks, and hybrid Neuro- Fuzzy Systems).

EMAD MOHAMMAD EID

Broadcast Engineering Manager

Eng. Emad Mohammad Eid (Class of 1993) studied Computer and Control Engineering at Hijjawi Faculty for Engineering Technology from 1989 to 1993. Since then, he has the following experiences:



Jordan TV: 2017- Present

- Expert and consultant for studios and television systems
- Expert engineer for resource management, operation and development
- Engineering project Manager and Contracts Manager
- TV and Radio HD Digital Transformation/Archive Manager

OMAN TV: 2006 - 2017

- Expert and consultant for studios and television systems
- Engineering project Manager
- Engineering project Manager
- Automation system, video servers (Tapeless system) maintain, configure, monitor, updates system performance and live news on air.
- Administrator and monitoring Networks domain (Qseries -Autocue) and workgroup HARRIES using in News system for video, script and control system Installed Nonlinear editing suite, updates, maintain it and training editors (Newsflash and final cut)
- Performed upgrades, installation of software and drivers for video servers, database servers, wires and control servers.

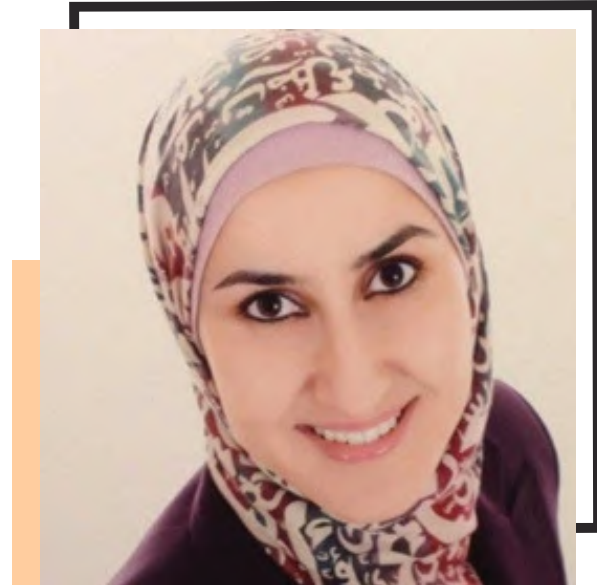
Jordan TV: 1995 - 2006

- Video section director
- Chief engineer for many locations (small TV station establish for big events in Jordan, Iraq war: Iraq border (Jordan press center), election press center Davos submit & Arabs submit press center in Jordan.
- Project Manager for preserved the archives and archive 2 inch, 1 inch, U-matic, cinema Tapes to Digital Tapes
- Head of Maintenance Department
- Video Control & Studio Engineer

SURA KHALED AL-QUDAH

*Associate Professor | Manufacturing
Program Director*

Dr. Sura Khaled Al-Qudah (class of 2004), received her B.S. degree in Electronics Engineering from Hijjawi Faculty for Engineering Technology at Yarmouk University, Jordan, in 2004, and the M.S. and Ph.D. degrees in Industrial and Systems Engineering from Binghamton University (B.U.), Binghamton, NY, USA, in 2010 and 2014, respectively.



Dr. Al-Qudah is currently an Associate Professor in the Engineering & Design Department at Western Washington University (WWU) in Bellingham, WA, USA, and the Director of the Manufacturing Engineering Program in that Department.

Dr. Al-Qudah has diverse knowledge and experience in engineering, started with her role as an Engineering Assistant at the Biomedical Center of Excellence in the Hijjawi Faculty after graduation. In that role, she prepared the biomedical lab equipment and reviewed specs. sheets and purchase orders for equipment and tools (hardware/ software). During her graduate education at B.U., Dr. Al- Qudah was part of the Watson Institute for Systems Excellence (WISE; a \$50M+ funded research group), where she worked on diverse research topics such as social network analysis sensor array design & testing, Lean Six Sigma for healthcare, and applied process improvement initiatives. During this experience, Dr. Al-Qudah gained tremendous experience with teaching, research, and collaboration, which helped her become an outstanding academician and progress from 'breadth to depth to perspective' throughout her education.

Dr. Al-Qudah joined the faculty at WWU in the Fall 2014 as an Assistant Professor. Since then, she has become widely recognized by her peers as a leader in the department for developing and maintaining learning environments, both in the classrooms and labs, that are equitable and inclusive of students with diverse social identities and backgrounds. In addition to her strong course evaluation scores, her students highly value her research and scholarship activities. Some of Dr. Al-Qudah's recent research involves a \$1M NSF grant to support low-income, highly capable students pursuing engineering, a filed U.S. patent proposing an innovated design to improve a medical instrument, multiple educational hands-on lean activities to enhance student learning, and several publications on engineering education matters.

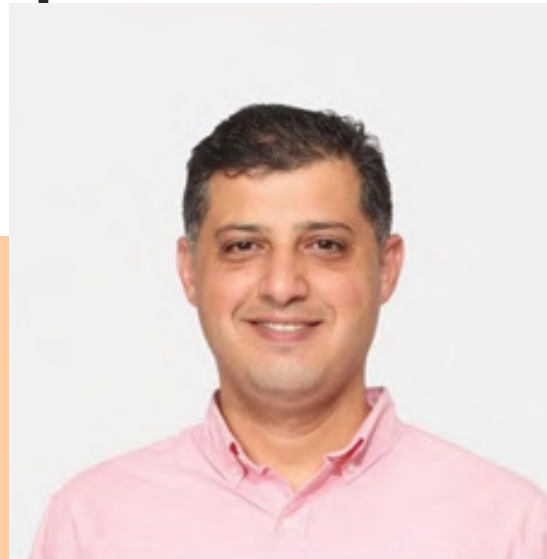
Dr. Alqudah is a recipient of several awards, such as the Excellence in Teaching Award by the National Society of Leadership and Success (NSLS) Sigma Alpha Pi, the academic award for Achievements in Teaching and Learning at WWU and Beyond, and Alpha Pi Mu Honor Society.

Dr. Al-Qudah is a member of the Institute of Industrial and System Engineers (IISE), the American Society for Quality (ASQ), the Society of Women Engineers (SWE), and the American Society of Engineering Education (ASEE). Dr. Al- Qudah's research areas are in applied ergonomics & human factors, engineering education pedagogies, and process improvements. Dr. Al-Qudah holds a Lean Six Sigma Black Belt certificate, among others.

MOHAMED EL-SHARO

Lean Consultant / Healthcare Improvement Specialist

Dr. Mohamed El-Sharo' (class of 20GE, received his B.S. degree in computer engineering from Hijawi Faculty for Engineering Technology at Yarmouk University, Jordan, in 2002, and his MS, and Ph.D. degrees in Industrial and Systems Engineering from the State University of New York at Binghamton University, NY, USA, in 2009 and 2012, respectively.



Dr. El-Sharo' is currently a full-time Lean consultant at PeaceHealth and a Visiting Assistant Professor at Western Washington University (WWU) in Bellingham, WA, USA.


Dr. El-Sharo' has started his career right after graduation from Hijawi Faculty at Yarmouk University as a lab teaching assistant in the Department of Computer Engineering. Later he joined the Jordan Petroleum Refinery Co. from 2002- 2004 as a computer engineer helping manage the computer network and administer the computer servers at the IT Division. Jordan Petroleum Refinery Co. was going through an implementation of an enterprise resource planning (ERP) system to manage their production operations and Dr. El- Sharo' was a member of the implementation team of the ERP solution.

From 2004--2007, Dr. El-Sharo' joined Jordan University of Science and Technology as a lab manager and assisted in teaching many computer engineering labs.

During his graduate studies, Dr. El-Sharo' joined Watson Institute for Systems Excellence (WISE, a \$50M+ funded research group) and worked for multiple organizations in manufacturing and health care. He gained experience United Health Services working on many performance improvement projects and supporting their Quality Department from 2008 - 2012.

Dr. El-Sharo' joined Mayo Clinic in Rochester, MN, USA right after completing his Ph.D. and worked there from 2012--2015 as a Health Systems Engineer. In his role at Mayo Clinic, he proved his excellence in supporting their Systems & Procedures Department. He worked on process improvement and reengineering projects to improve patient safety, care quality, healthcare value, and enhance research clinical trials' key performance indicators. He also supported the surgical services at Mayo Clinic to reduce duplicate and redundant process steps resulting in savings of multiple millions of dollars.

In 2015, Dr. El-Sharo' joined Western Washington University as a Visiting Assistant Professor teaching operations management and project management at the Decision Sciences Department and in the MBA Program. In 2016 he joined PeaceHealth as a Continuous Improvement Consultant, (PeaceHealth is a 16,000-employee healthcare system with five major hospitals in Washington, Oregon, and Alaska). Dr. El-Sharo' has been supporting the outpatient clinics' operations at PeaceHealth through the COVID pandemic with all the changes in the healthcare world.



Through this journey, Dr. El-Sharo' helped design and operate a fast-paced, mass vaccine clinic in Bellingham, WA that provided vaccines to more than 1,000 patients a day and provided more than 70,000 vaccines to patients in one single location.

Dr. El-Sharo' is a recipient of the Mission and Value Award from PeaceHealth for his contribution of supporting the local community and the Mission of PeaceHealth of patient- centered care. Dr. El-Sharo' is a member of the Institute of Industrial and System Engineers (IISE) and presented his work in healthcare and other manufacturing organization in multiple conference papers and presentations at the annual Industrial and Systems Engineering Conference and Expo.

Dr. El-Sharo is a Lean instructor, and he received many professional certificates in Lean and Six Sigma from various organizations.

HAMID ALQWAYSIM

*Entrepreneur | Co-Founder & CEO –
Mobeasy & The H2 Academy*

Eng. Hamid Alqwaysim (class of 2018), Co-Founder/CEO of Mobeasy LLC, Co-Founder/CEO of The H2 Academy. Hamid received his BS in Civil Engineering/ Construction Management in 2018. He is currently the Co-Founder/CEO of Mobeasy, which is the first arabic mobile platform to create mobile applications without coding. He is also the Founder/CEO of The H2 Academy, which is now the biggest arabic academy in the middle east for



courses and trainings about online business and marketing fields. Hamid was a project manager at Hult Prize in Jordan (2018) and got a 35-day training with Hult Prize in London (Ashradge Castle) in business development. Hamid got certified in marketing by google in 2015 and got the GMF certificate from google. Hamid started his first startup in 2015, which is (Tasheh LTD) -- it was the first Jordanian mobile app to provide discounts as packages in the malls to save people money for shopping bundles as a free service. In 2016, Hamid got enough data from his first company (Tasheh LTD) that allows him to start his own marketing company named (TAMS LTD), which used to handle big brand marketing campaigns in Jordan.

In 2017, Hamid started his marketing consultation agency, stopped his marketing company, and started giving training for companies for marketing instead of handling their marketing campaigns. In 2018, Hamid got funding from (shmal start) for his first company (Tasheh LTD), which helped him to accelerate his journey and turn the startup to an established company.

In 2019, Hamid started his social media journey recording and publishing videos talking about his own experience in facebook and youtube, In 2020, Hamid was selected as one of the 30 influencers as entrepreneurs in Jordan by unicorn US.

In 2021, Hamid represented his startup (Mobeasy) in seamless at Dubai. In 2022, Hamid represented his startup (Mobeasy) in StepSaudi at Riyadh. Hamid was trying the best to learn new skills since his first year in the faculty, in-fact he got the chance to get the funding for his project (tasheh) from an event in Hijjawi Faculty, also he met his IT-partner in Mobeasy LLC from the Faculty, who is (Mahmoud Abualhija).

Hijjawi faculty was part of Hamid's achievements so far, as he mentioned, and all the opportunities started from the Hijjawi faculty.

RAED MESLEH

Dean & Professor at of King Abdullah I School of Scientific Research and Higher Education | Electrical Engineering & Scientific Research

Prof. Raed Mesleh (class of 2000), is currently spending his sabbatical leave at Princess Sumaya University for Technology (PSUT) as the Dean of King Abdullah I School of Scientific Research and Higher Education. He is also a professor in the IoT and Communication department at King Abdullah II School of Engineering. He is a tenured faculty member in the Electrical Engineering Department at the German Jordanian University (GJU), He joined GJU in February 2016 where he serves as the Dean

and the Vice Dean of the school of Electrical Engineering and Information Technology for about six years. He received his B.Sc. degree with honor from Yarmouk University, Hijawi Faculty for Engineering Technology in 2000, and his M.Sc. degree in communication Technology with honor from Ulm University in Ulm, Germany. He received his PhD in 2007 from Jacobs University in Bremen, Germany.

From 2007 to 2010 he was a postdoctoral fellow at Jacobs University. He was with the Electrical Engineering Department at University of Tabuk in Saudi Arabia from 2010-2015. During that period, he holds the position of department chair and the director of research excellence and intellectual property units at the deanship of scientific research.

He was a visiting scholar at Boston University, The University of Edinburgh and Herriot-Watt University. His current research interests are in MIMO techniques, Tera hertz and millimeter wave communications, cell-free, physical layer security, Steiner triple systems, graph theory, and optical wireless communication.

He is an inventor and co inventor of 10 patents. He published more than 200 articles in scientific prestigious journals and international conferences. His overall citations exceed 13000 with an H-index of 45. He received distinguished researcher award from University of Tabuk in 2013, and from GJU in 2016 and 2019. In December 2016, he was awarded the Arab Scientific award from Arab Thought Foundation.



EMAD ABDELSALAM

*Associate Professor | Engineering
Research Leader*

Dr. Emad Abdelsalam (class of 1994), is an Associate Professor at the School of Engineering Technology at Al Hussein Technical University, Amman, Jordan. He received his undergraduate degree in Electronics in 1994 from Yarmouk University, a master's degree in 1998 from the University of Wisconsin- Milwaukee, and a Ph.D. in Engineering, in 2013, from the University of Wisconsin-Milwaukee, in the USA.



Dr. Abdelsalam has 18+ years of full-time industrial experience in product development in the US. His background is in solar energy, smart grid, electronics, biomedical, signal processing, image processing, machine control, automation, robotic machines, systems for non-destructive evaluation, Magnetic Resonance Imaging, and RF coils. He designed, developed, and released many products for the industry. He held many positions, including Dean of the School of Computing, Head of the Energy Department, Lead Software Engineer, Lead System Designer, Program Manager, and Principal Engineer.

He has extensive experience in leading/managing global teams. Dr. Abdelsalam's expertise is in Leadership, Project Management, Program Management, RF Coils Design, Product Development, FDA/ QA and Regulatory, Design Controls, Quality Management Systems, and IEC Standards. Solar Energy, Smart Grids, Hydrogen, AI, Machine Learning, and the Internet of Things are some of his research interests.

The United States Patent Office has registered two patents for Dr. Abdelsalam; several others are pending. Dr. Abdelsalam served as pi and co-pi on multiple projects over the years. He owns and founded the Multidisciplinary Engineering Research Group (www.MERG.live) and DRONA (www.htu.edu.jo/drona).

EMAD NAWASREH

*Entrepreneur | Founder of Cyber Firm |
Cybersecurity Expert*

Eng. Emad Nawasreh (class of 2011), Founder and CEO of Cyber Firm, Adjunct Professor at University of Michigan- Ann Arbor, Founder and President of Jordanian American Heritage Association Born and raised in Jordan, graduated from Hijjawi Faculty for Engineering Technology with a B.S degree in Computer Engineering, Eng. Nawasreh has become a prominent figure in the field of engineering management and cybersecurity.



With a master's degree in engineering management from Eastern Michigan University, Michigan, USA, graduated back in 2018. Eng. Nawasreh has gained invaluable experience in the field of technology and leadership, which has earned them recognition in academia and industry. As an accomplished educator, Eng. Nawasreh has had the privilege of teaching as an adjunct professor at the top universities in the USA, including the University of Michigan, the University of Wisconsin-Madison, New York University, and Eastern Michigan University. His expertise in cybersecurity has inspired and guided students towards academic success and has helped many young minds pave their way towards successful careers in the field.

Nawasreh's professional experience in cybersecurity is impressive, having worked in the cybersecurity team for Koch Industries, the second-largest private company in the world. His role in the company involved implementing and maintaining cybersecurity policies that helped protect the company's assets and information from cyber threats. In addition, Emad holds over 10 international certifications in cybersecurity, a testament to his dedication to the field and expertise.

Apart from his career accomplishments, Emad is also an entrepreneur and visionary, having founded Cyber Firm, a company that specializes in providing cybersecurity solutions to businesses and individuals alike. Through his leadership, Emad Nawasreh has been able to build Cyber Firm into a well-respected and trusted name in the industry, serving a diverse clientele and providing customized solutions to meet the specific needs of his clients.

Beyond his professional achievements, and as an active member of his community in Michigan, USA, Emad Nawasreh is the founder and president of the Jordanian American Heritage Association, an organization dedicated to promoting cultural exchange between Jordan and the United States. The organization has made significant strides in fostering mutual understanding and appreciation between the two countries, and Emad Nawasreh has been at the forefront of this effort. Nawasreh's achievements have not gone unnoticed, as he has been the recipient of several accolades and awards throughout his career. His contributions to academia, cybersecurity, and community service have earned him a reputation as a respected and accomplished leader.

In conclusion, Emad Nawasreh's journey from humble beginnings to becoming a renowned figure in engineering management and cybersecurity is a testament to his hard work, dedication, and leadership. Through his achievements, Emad has made significant contributions to cybersecurity space and the community, inspired many young minds, and left a lasting impact on his community.

<https://nexus.engin.umich.edu/2022/11/30/cybersecurity-emad/>

FADI OBEIDAT

*Engineering Manager | FPGA
| SoC Expert*

Dr. Fadi Obeidat (Class of 2005), is currently working as an Engineering Manager and Consultant at Synopsys Inc. for the EMEA region. He recently moved to Jordan after spending 15 years in USA where he worked as a Customer Engagement Product Architect at Cadence Design Systems (2020 - 2022), as an Emulation Consultant at Synopsys (2014 - 2020), and as a Component Design Engineer at intel corporation (2010 - 2014).



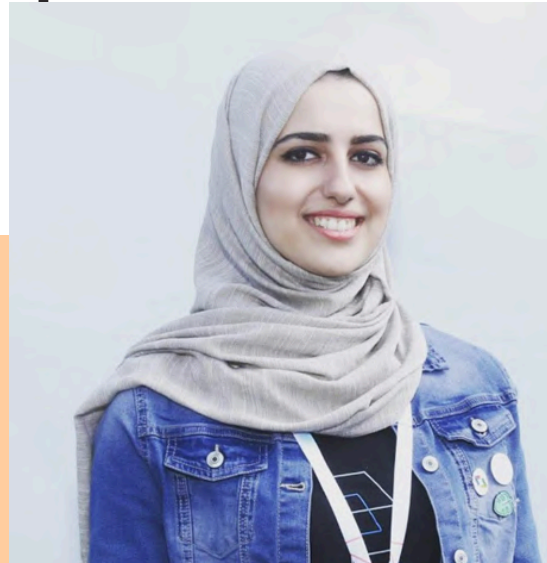
Dr. Obeidat has extensive experience in deploying FPGAs and Emulation Technologies to accelerate System-on-Chip (SoC) Design and Verification. Dr. Obeidat conducted research in the following areas Embedded Systems, Unmanned Aerial Vehicles (UAVs), Performance Modeling, Emulation, and Engineering Education.

He is also has a U.S. Patent in the field of ecommerce applications. He received his B.S., M.S., and Ph.D. degrees in Computer Engineering from Jordan University of Science and Technology (UST), Yarmouk University, and Virginia Commonwealth University (VCU) respectively.

HIBA METANI

UX Research | Manager at UX Labs

Eng. Hiba Metani (Class of 2015), UX Researcher at UX Labs, Google For Developers Amman Lead, Program Mentor at Google Startup Accelerator for MENA, a Google's women techmakers ambassador, and a thankful Mom. She graduated with a bachelor's degree in computer engineering from the Hijjawi Faculty of Engineering and Technology.



In 2019, Hiba founded the Google developers groups Amman, opening many opportunities to newly graduated students and juniors in the technology field. She organized some of Google's annual events here in Amman, including Google I/O Extended 2019, Google Developer Festival 2019 & 2020, Google Cloud Next Extended 2020, International Women's Day 2019, 2020, & 2021, as well as many in-person and online events, and study jams with the organizers of her

Besides being a highly accomplished educator, Hiba has been authorized by Google to teach UX master classes for startups in Jordan; she has had the pleasure of conducting them for interested companies. Her contributions to community service have earned her a reputation as a respected and accomplished leader

ALAA WRIKAT

Cybersecurity Operations Team Lead

Eng. Alaa Wrikat (Class of 2015) is a distinguished professional with a profound commitment to advancing the fields of telecommunications and cybersecurity. His journey is a testament to his unwavering dedication to academic excellence, professional growth, and the dissemination of cybersecurity knowledge. Alaa's academic journey commenced with a stellar accomplishment - graduating at the top of his class (class of 2015) from the Hijawi Faculty for Engineering Technology in Telecommunication Engineering, an

achievement that set the stage for his future success. He further honed his expertise through rigorous academic pursuits, earning a Master of Science in Electrical/Telecommunication Engineering from Princess Sumaya University for Technology (PSUT) in 2020. His relentless pursuit of knowledge led him to the University of Jordan, where he earned a Master of Science in Web Intelligence in 2023, culminating with a perfect GPA of 4.0.



Alaa's commitment to staying at the forefront of his field is evident in his extensive list of certifications. He holds prestigious credentials such as CISSP from ISC2 and CISM from ISACA, where he achieved the distinction of being the top scorer in Jordan in 2021. Remarkably, he possesses more than ten cybersecurity certificates, reflecting his dedication to mastering this critical discipline.


Alaa's professional trajectory embodies his dedication to excellence and expertise in telecommunications and cybersecurity. He became an active ISACA member in 2021, further solidifying his commitment to the industry.

His career journey began as a Computer Network Engineer at Cisco TAC in Jordan in August 2015, where he honed his skills in troubleshooting and supporting complex network infrastructures. He then transitioned to the Royal Jordanian Airline as a Network and Security Engineer, where he contributed significantly to the airline's operational efficiency and security.

Alaa's passion for education and knowledge-sharing became evident during his tenure as a Computer Networks and Security Instructor at Princess Sumaya University for Technology from September 2017 to April 2018.

In April 2018, he embraced the role of an ICT Standards Engineer at the Jordan Standards and Metrology Organization (SMO), showcasing his adaptability and diverse skill set.

For the past several years, Alaa has held multiple positions at the Central Bank of Jordan, where his contributions have been nothing short of exemplary. As the Cybersecurity Operations Team Lead in the Jo-FinCERT unit, he plays a pivotal role in protecting the financial sector from cyber threats. Additionally, he has made substantial impacts as a Cybersecurity Specialist and an IT Security Specialist within the bank's IT department.



Alaa's commitment to advancing the domain extends to providing technical consultation and cybersecurity expertise to numerous clients across various industries. He has also contributed significantly to raising awareness and knowledge of cybersecurity best practices by delivering multiple cybersecurity training courses at universities and professional associations.

His mentorship and guidance have positively impacted students and professionals seeking to embark on careers in cybersecurity. Alaa's contributions to the field include a recent publication titled "Mobile Money Fraud Detection using Data Analysis and Visualization Techniques" in a prestigious journal, showcasing his dedication to advancing the state of knowledge in cybersecurity.

His exceptional achievements have been acknowledged with several notable awards, including the Jordan Engineers Association (JEA) Top of Class Award for the class of 2015, the ISACA CISM Top Scorer in Jordan for 2021, and the Idea Bank project award, funded by the U.S.-Middle East Partnership Initiative (MEPI).

Alaa Wrikat's journey is a testament to his unrelenting pursuit of excellence, his commitment to cybersecurity, and his dedication to advancing the fields of telecommunications and technology. His remarkable achievements, extensive expertise, and contributions to knowledge dissemination underscore his pivotal role in shaping the future of these industries.

MAJDI QABALIN

*Chairman of the Cyber Security Committee the
Jordanian Engineers Association / Specialist*

Eng. Majdi Qabalin (Class of 2019), serving as the at esteemed Chairman of the Cyber Security Committee the Jordanian Engineers Association, he has carved a significant niche for himself in the realm of cybersecurity. His prowess in the domain has made him a sought-after consultant for eminent companies like EDCO, Menaitech, and KEMAPCO.



Notably, his specialization lies in digital forensic investigation and the application of cybersecurity standards tailored for industrial setups.

Furthermore, he takes pride in his advisory role within the Ministry of Digital Economy and Entrepreneurship. Here, he offers his insights directly to the Minister for the youth and job technology initiative, a significant project that has garnered financial backing from the World Bank.

His journey began in the scenic terrains of Tafila, Jordan, where he spent his formative years. His thirst for knowledge led him to Tafila Technical University, where he earned his bachelor's degree in computer engineering. This academic pursuit ignited a passion for information and network security, particularly concerning industrial automation. His educational journey continued at Yarmouk University, where he specialized in Embedded Systems Engineering, graduating from the prestigious Al-Hijawi College. Further amplifying his credentials, he acquired master's degree in Cybersecurity and Digital Forensic Investigations from Princess Sumaya University, where he graduated with honors.

Over the years, he has added a plethora of specialized certificates in cybersecurity to his arsenal, showcasing his commitment to continuous learning and mastery in the field. His remarkable contributions to cybersecurity research and development are widely recognized in academic and professional circles.

His foray into the academic world saw him imparting knowledge at the University of Applied Sciences. However, his ambition led him to pivot to the industrial sector, where his expertise found a fitting role as a consultant and subject matter expert to various prominent entities.

One of his pivotal contributions has been guiding numerous companies in assimilating global cybersecurity standards into their operations. He has played a vital role in the implementation of standards such as ISO/IEC 27001, NIST, PCI DSS, CIS, FISMA, and GDPR, ensuring that businesses not only safeguard their interests but also align with global best practices.

AYMAN WREIKAT

*Director | Accreditation & Quality
Assurance Specialist*

Eng. Ayman Wreikat (Class of 2004), holds a bachelor's degree in computer engineering from Hijjawi Faculty for Engineering Technology at Yarmouk University, and a master's degree in administration in 2022. He worked in several governmental and private institutions, most notably the Vocational Training Corporation, the Ministry of Education, and the Ministry of Labor.



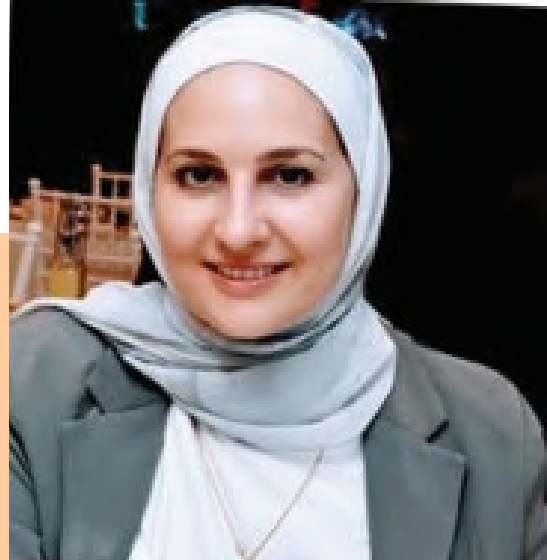
He is currently working as Director of the Accreditation and Quality Assurance Directorate at the Vocational and Technical Skills Development Authority.

During his work in the Commission, he carried out several international support projects with the European Union, the German agency GIZ, the International Labor Organization, and the Belgian and Danish agencies. Several certificates in the field of monitoring and evaluation, evaluation of M&E, vocational and technical education institutions.

RUBA KHASAWNEH

Assistant Professor | STEM Researcher

Dr. Ruba Alkhasawneh (Class of 2005), is an Assistant Professor at Al-Ahliyyah Amman University in the Department of Communication and Computer Engineering. After living in the United States for fifteen years, she returned to Amman, Jordan in 2021 and worked for two years at the Applied Science Private University. She is currently leading the National Semiconductors Design competition organized by the fifth advisory company.



Dr. Alkhasawneh joined the Intel Corporation Austin's team in 2012 as a System Validation Engineer focusing on Pre/Post-Silicon validation by developing test plans and content to validate leading-edge projects using simulation, emulation, and silicon. In addition, she was a team lead performing Continuous Integration activities by defining, developing, debugging, and integrating software solutions for Data Centers projects. She worked as a part-time instructor at multiple online universities in the US to share her knowledge from the industry.

As a researcher, she is focusing on STEM education, AI, Automation, and Embedded Systems. During her Ph.D. journey, she had the opportunity to work as a research assistant and program coordinator for the Virginia North Carolina Louise Stocks Alliance for Minority Participation (VA-NC LSAMP) at Virginia Commonwealth University (VCU) funded by the National Science Foundation (NSF). Dr. Alkhasawneh earned her Ph.D. in Engineering from Virginia Commonwealth University (VCU), in 2011. She had her M.S. in Embedded Systems from Al-Yarmouk University and her B.S. in Computer Engineering from Jordan University of Science and Technology.

MAJD JAMAAH

*Google Developer Expert for Cloud | DevOps
Manager at Beyond Limits*

Majd is a DevOps Manager at Beyond Limits and a Google Developer Expert for the Cloud. His area of expertise is Application Modernization with Cloud Computing. In addition to his expertise, he serves as a program mentor for Google for Startups Accelerator and an organizer for Google for Developers Amman. He holds the title of Google Cloud Developer Expert, a recognition bestowed upon an elite group of professionals who have demonstrated exceptional expertise in Google Cloud technologies. This accomplishment speaks volumes about Majd's deep understanding of cloud architecture, application development, and infrastructure management.



He is also recognized as an AWS Professional, showcasing their mastery of Amazon Web Services and their ability to architect and manage robust cloud solutions. His certifications from both Google and AWS stand as testaments to their dedication to staying at the forefront of cloud technologies.

Majd extends his expertise beyond the workplace, playing a pivotal role as a Program Mentor at Google's for Startups Accelerator. By mentoring emerging startups and sharing insights gained

from their journey, he makes a significant contribution to the growth and success of the next generation of entrepreneurs.

Additionally, he serves as an organizer at the Developers for Google Program, where they contribute to building a vibrant community of developers and enthusiasts, fostering collaboration and innovation.

Companies he worked for:

- Baaz
- LXT
- CyberTalents
- reed
- REEF
- iKcon
- waseet[.]net
- Opensooq

MOHAMMED KENANAH

CEO – Emitac Healthcare Solutions

Eng. Mohammed Kenanah (Class of 1997) is the esteemed Chief Executive Officer (CEO) of Emitac Healthcare Solutions (EHS) LLC, a pioneering total healthcare solutions provider and integrator based in the United Arab Emirates (UAE) and serving the GCC region. EHS is a proud member of an Emirati-owned conglomerate and a valued component of the esteemed Emitac Group of Companies.



Mohammed hails from the picturesque city of Irbid, Jordan, where his educational journey commenced. His academic pursuits led him to excel in the field of Electronic and Biomedical Engineering, culminating in the attainment of a bachelor's degree from the esteemed Yarmouk University. This foundational education in his homeland served as springboard for his illustrious career in healthcare leadership, propelling him to the helm of several global organizations, where his visionary leadership has left an indelible mark on the healthcare landscape of the UAE and the GCC region.


Eng. Kenanah accumulated a wealth of experience and expertise during his tenures at several global healthcare organizations including Al Faisaliah Medical Systems and GE Healthcare. As the General Manager at Al Faisaliah Medical Systems, headquartered in Riyadh, Saudi Arabia, Eng. Kenanah spearheaded strategic initiatives over a period of six years, making an enduring impact on the organization. His leadership in this role was marked by a commitment to excellence and innovation, which played a pivotal role in shaping the company's presence and reputation in the dynamic healthcare landscape in the region.

Subsequently, he undertook a remarkable nine-year journey with GE Healthcare, where he served as the General Manager for Turkey and the Middle East. During this extended tenure, he displayed remarkable vision and acumen in guiding GE Healthcare through a period of significant growth and transformation. His tenure at GE Healthcare not only solidified his reputation as a healthcare industry leader but also provided him with a global perspective that has since proven invaluable in his current role.

His dedication to advancing healthcare solutions and fostering collaboration during these pivotal roles served as a precursor to the visionary leadership he now brings to Emitac Healthcare, where he continues to redefine healthcare excellence in the UAE and the broader GCC region.

With a wealth of leadership experience spanning both local and international healthcare domains, Eng. Kenanah brings a fresh and innovative vision to EHS, poised to catalyze a paradigm shift that will elevate the organization's healthcare business to unprecedented heights.

Eng. Kenanah's journey from his pivotal roles at Al Faisaliah Medical Systems and GE Healthcare to his current position as the CEO of Emitac Healthcare Solutions (EHS) since September of 2019 is a testament to his unwavering commitment to the healthcare sector. Building upon his extensive experience in healthcare leadership, His career trajectory exemplifies a relentless pursuit of excellence.



His tenure at Al Faisaliah Medical Systems and GE Healthcare provided him with a deep understanding of the intricate nuances of the healthcare industry, both within the Middle East and on a global scale.

These experiences honed his strategic vision and nurtured his passion for innovation, setting the stage for his ascent to the helm of EHS. As CEO, Mr. Kenanah now leads EHS with a profound dedication to enriching the patient experience, fostering partnerships, and pioneering healthcare solutions, thus propelling the organization to new heights and ensuring its continued prominence in the ever-evolving landscape of healthcare in the UAE and the GCC region.

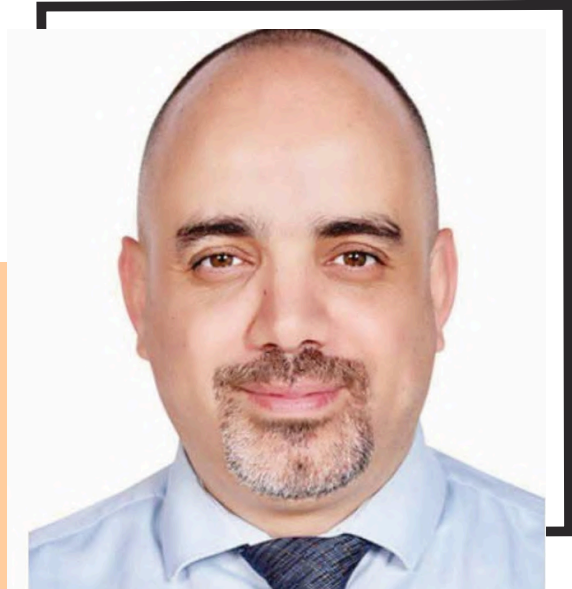
Under Eng. Kenanah's astute guidance and visionary leadership, Emitac Healthcare has achieved remarkable milestones over the past 4 years, transforming into a fully customer-centric and future-ready organization. His unwavering commitment to enhancing patient experience and fostering enduring partnerships with valued customers has been central to this remarkable success story.

With Mohammed Kenanah at the helm, EHS is not only thriving but also poised to lead the healthcare industry into a future defined by superior patient experiences and groundbreaking solutions.

ABDEL-KARIM AL-TAMIMI

Senior Lecturer of Computer Science and Software Engineering | Sheffield Hallam University

Abdel-Karim Al-Tamimi (Class of 2004), is a Senior Lecturer of Computer Science and Software Engineering at Sheffield Hallam University. He is a certified expert in Digital Teaching and Learning, and a Senior Fellow of the Higher Education Academy (SFHEA). He is the lead of the Interactive Data Analytics Group (iDAG), and a member of the Conversational AI Research Cluster (CAIRC), and the Applied Software Engineering Research Group (ASERG).



Dr. Al-Tamimi completed his undergraduate studies in Computer Engineering at Yarmouk University in 2004. Dr. Abdel-Karim Al-Tamimi received his MSc and PhD degrees in Computer Engineering under the advisement of Prof. Raj Jain from Washington University in St. Louis, in 2007 and 2010, respectively.

Dr. Al-Tamimi served as an Associate Professor of Computer Engineering at Yarmouk University in Jordan, where he was appointed as the director of the Entrepreneurship and Innovation Center (EIC). Throughout his distinguished tenure, exceptional leadership by spearheading the establishment of three innovative incubators. His visionary leadership extended to the creation and development of the Yarmouk Innovation Lab (YIL), which evolved into the highly acclaimed Orange-Yarmouk Innovation Lab (OYIL).

Beyond these achievements, he actively engaged in the prestigious NYUAD (2013) Hackathon and the renowned Al-Jazeera News Network (2014) Hackathon, demonstrating not only his technical prowess but also his ability to lead and inspire teams in high-stakes, competitive environments. He also served as the program team leader (Department Chair) of the Computer Information Science (CIS) department in the Colleges of Higher Technology (HCT) in UAE. His international work experiences include serving as a technical member of the United Nations Economic and Social Commission for West Asia (ESCWA) committee and as a visiting professor at the Technical University of Berlin, Germany.

Dr. Al-Tamimi has extensive consultancy experience in the fields of data science, computer security, and professional training and development. Dr. Al-Tamimi has broad experience in developing enterprise solutions using various cutting-edge technologies and services. He is a certified Huawei HCIA-AI expert, IBM Blockchain Developer, IBM Application Security Engineer, and Cisco Certified Network Associate (CCNA).

He served as a consultant for multiple organisations in the MENA region, offering his expertise in data science and enterprise software development. Additionally, his expertise as a consultant was instrumental in the recently concluded EU-funded project named Digital Innovation for Growth (DIG), where he supported SMEs in the South Yorkshire region of the UK to overcome their digital challenges. He has also served as a speaker and panellist in several AI and intelligent machines workshops supported by the EU-funded Advancing Digital project.

Dr. Al-Tamimi is currently serving as an Editorial Board member of PLOS ONE and Research Reports on Computer Science journals. He worked on bridging research and industry needs by co-founding several startups including Phyllis chatbot (phyllis.chat).

Furthermore, his extensive experience in leading and collaborating on EU- funded projects, including H2020, Tempus, DFG, and HOPES-Madad, speaks volumes about his international standing and expertise. He has an exceptional publication track record with more than 50 publications that have garnered more than 1950 citations (h-index:20, and i-index:28).

His Research Interest (RI) score is higher than 95% of researchers in the Computer Engineering field. He served as a member of organizing and technical committees of many international journals and conferences including IEEE Communication Letters, IEEE Transactions on Multimedia, IEEE Access, and BigComp. He also served as a panelist in multiple conferences as an ML and IoT specialist and an entrepreneur advocate.

At Sheffield Hallam University, Dr. Al-Tamimi has demonstrated exceptional leadership as the Principal Investigator (PI) for the EMERGENCE/ EPSRC-funded project (CIREI - Challenges of Integrating Robots with Embodied Intelligence in the Homes of Older People Living with Frailty: Towards a Smart Middleware Architecture) focused on integrating assistive technologies and robotics into residents' homes. His success also extends to industry collaboration, demonstrated by his leadership of an Innovate UK-funded project applying AI effectively to support the UK's circular economy and construction industry under the name (Unlocking the Potential of Recycled Fibre Reinforcements in Construction: Automating Quality Assessment through Machine Learning (ML)). His R-Speak project has been recently awarded funding from the Rehab Technologies Network (RTN), a UKRI-funded programme that supports innovative solutions for neurological impairments. As the Principal Investigator (PI) of the project, he is leading an experienced and multidisciplinary team to harness the power of recent advancements in natural language processing (NLP), specifically large language models (LLMs), to address communication challenges faced by individuals with mild to moderate expressive aphasia.

Additionally, Dr. Al-Tamimi has played a pivotal role in securing funding from esteemed competitions, including the Longitude Prize on Dementia. In this capacity, he leads the AI and predictive data analytics work packages in collaboration with Dr. Lynne Barker, an Associate Professor/Reader at Sheffield Hallam University, and their dedicated research team working on the A.D.A (Automated Dementia Assistant) project. The ambitious project focuses on developing a wearable and personalized aid designed to track the daily movements of older adults. Moreover, he assumes the role of supervisor for two additional groundbreaking PhD projects: "Detection of Cognitive Frailty Based on Text Readability Features Using Natural Language Processing (NLP) Techniques" and "Co-design of a Patient- Centric Cancer Prehabilitation Chatbot," funded by the esteemed Royal Marsden NHS trust.

Dr. Al-Tamimi's excellence in higher education is evident through his appointment as the Course Leader for the online MSc in Computer Science with AI. In this capacity, he is leading the development team and providing invaluable support for the upcoming program launch in May 2024. His innovative mindset is further highlighted by his recent pending patent application related to the use of AI in detecting fake websites, showcasing his creativity and entrepreneurial skills.

BELAL H. SABABHA

PSUT professor | UAV embedded systems expert.

Belal H. Sababha (Class of 2000), is a Professor of Electrical and Computer Engineering and a Drones & Embedded Systems Professional. He has been with Princess Sumaya University for Technology (PSUT) since 2012. Dr. Sababha is a US patent holder for three granted patents and served as a Chair for two international IEEE conferences. Prior moving to academia, Dr. Sababha has worked in the Automotive Industry.



He worked as a Senior Controls Powertrain Controls department at Chrysler Group LLC, Michigan USA. He received his PhD degree in Electrical and Computer Engineering - Embedded Systems from Oakland University, MI, USA in 2011, M.S. and B.S. from Jordan University of Science and Technology (JUST) and Yarmouk University in 2006 and 2000 respectively both in Computer Engineering. He has taught electrical and computer engineering undergraduate and graduate courses at various universities in the US and Jordan. He has many years of experience in curricula design, pedagogy in higher education and led several teams at various universities in implementing curricular continuous improvement and attain national and international accreditation.

Dr. Sababha has extensive experience in embedded systems design, control algorithm design and software development with applications related to Gasoline Engine Controls and Unmanned Aerial Vehicles (UAVs). He is a consultant in the fields of Embedded Systems and UAV design and control for various governmental and commercial firms.

His research concentration areas are UAV development and control, Biomedical instrumentation, embedded sensors, embedded RTOS and CAN networks, embedded systems, graceful degradation in embedded systems, rapid prototyping, machine vision, and artificial intelligence.

Dr. Sababha has served in several senior leadership positions as a Dean for two terms, Acting Executive Dean, Associate Executive Dean, Director and Department Chair. He is a Senior Member of IEEE and a member of several national and international professional organizations.

AHMAD A. ALDARABKEH

*Information and Communications Technology
Director , Prime Minister's | Digital transformation
expert.*

Ahmad A. Al-Darabkeh, (Class of 2013), is currently the Director of the Information and Communications Technology Directorate in the Prime Minister's Office. He holds a master's degree in computer engineering from Hijjawi Faculty for Engineering Technology in 2013. During his work in the Prime Minister's Office, he programmed many systems and supervised the preparation and design of programs, updating and development the information systems and their uses in developing work. He also worked on developing and implementing plans and activities aimed at raising the efficiency of achievement in the directorate, including developing methods and methods of work.

He worked on analyzing, programming and designing a set of systems in several programming languages. He also worked on updating and developing the website of the government performance and achievement tracking system <https://pmdu.gov.jo>, and many other systems related to government projects. He participated in evaluating the system for tracking and evaluating major projects with United Nations Development Program (UNDP).

Eng. Al-Darabkeh won first place in the Ideal Employee Award at the Civil Service Commission level for the year 2020. He is also a member of the National Committee for Digital Transformation, and a member of the specialized technical committees.

Eng. Al-Darabkeh has high skills and experience in the field of software design and development and in the field of information and network security. He holds first place in the international license (Ethical Hacker), and holds several accredited certificates in the field of database management and computer networks, in addition to the Certified Evaluator Certificate (EFQM).



ATEF ABU AGEEL

Section Lead | Space & Defense | Raytheon

Dr. Atef Abu Ageel (Class of 1997), is currently the Section Lead (Manager) for the Exoatmospheric Kill Vehicle (EKV) / Space Missiles Program as well as the Javelin Launcher Electrical Engineering Lead at Raytheon Technologies (RTX), Tucson, Arizona. He is also a Professor of Programming and Computational Thinking at the University of Arizona, Tucson, Arizona.



Atef holds an associate degree in telecommunications engineering from the Telecommunications College, Amman, Jordan, bachelor's degree in communication engineering from Yarmouk University, Irbid, Jordan, master's & PhD degrees in electrical engineering from Michigan State University, East Lansing, Michigan and professional certificate in technical project management from Massachusetts Institute of Technology (MIT), Cambridge, Massachusetts.

Atef has a proven record of initiating and delivering sustained results and effective change for firms across a wide range of industries including telecommunication, retail & oil management, medical devices, engine testing, higher education and space & defense. Major experience lies in strategizing and leading cross-functional teams to bring about fundamental change and improvement in strategy, process, and profitability - both as a leader and technology expert.

In his 34+ years of global experience in multiple industries, Dr. Abu Ageel has held senior, technology based, project management roles in the US and the Middle East.

In his free time, he enjoys working out, walking and bike riding on the Tucson loop, watching movies, 3D printing, carpentry, and travel.

For more information, please visit Dr. Abu Ageel's LinkedIn account at:
<https://www.linkedin.com/in/a-a-695a7819/>

KHALID AL-HMOUD

*Director of Standards & Telecom Equipment
Certification at TRC Jordan*

Eng. Khalid AL-Hmoud (Class of 1999), an Electrical Technology engineer holding a Bachelor's degree in Electronics Engineering from Yarmouk University (Jordan) and a Master's degree in Mobile and Satellite Communications from the University of Surrey (United Kingdom), is currently the director of the Standards and Telecom Equipment Certification directorate at Telecommunications

Regulatory Commission (TRC), Jordan and also, he headed different directorates that are specialized in different domains. He brings a long-term experience that extends for more than two decades during which he held many prominent positions inside and outside Jordan all dealing with the radio and non-radiocommunication networks and their regulation.

In addition, Mr. Al-Hmoud has actively participated in a large number of international, regional, and national conferences, workshops and seminars conducted by the International Telecommunication Union (ITU) and by some other regulatory agencies, specialized institutions, manufacturers and telco-operators worldwide.

His extensive expertise encompasses a broad spectrum of topics and specialties all dealing with the planning, design and operation of wireless communication technologies and services.

Furthermore, Mr. Al-Hmoud has chaired numerous specialized committees tasked with establishing regulatory regimes, instructions and for the procurement and implementation of different specialized advanced systems for various purposes including radio spectrum management and monitoring, e-licensing, telecom equipment certification, E-KYC. He has also supervised auditing networks security measures and penetration testing on the SS7, Diameter, GTP, applications and mobile wallets, CLI manipulation, bypass fraud detection, billing systems, A2P, P2P, among others.



ALA JARRAR

CEO & Co-founder of JoAcademy

Eng. Ala Jarrar (Class of 1996), CEO and CO-founder of Jo Academy in 2013. He was born in 1974 and holding BSc in telecommunication engineering from Yarmouk University since 1997. He joined Zain Jordan as a RAN Engineer and then moved to KSA in 2001 as a senior RAN Engineer at Marconi Wireless. In 2008 after he moved to Ericsson Saudi, he became the CTO for STC, Mobily, and Zain accounts till 2012.



In 2012 became the head of Mobile operators' strategy program at Ericsson at MENA till 2015.

In 2014 he started his journey developing new tools and approaches to improve education by merging it with technology powered by his technical and business experience which gave him the chance to understand the necessity of improving the educational processes and institutions by technology and rich content and accordingly he moves towards these objectives in the next few years through "JoAcademy" the first educational online platform for students in Jordan.

This new sector in Jordan gives the chance to millions of students to leverage their academic competencies and skills using for the 1st time tools and content developed by "JoAcademy" as the leading ed-tech company in Jordan and the region.

Consistent development through AI, verse, personalized learning tracks among many other ed-tech solutions continues to be the passion Mr. Jarrar will pursue along with expanding ed-tech towards markets such as Saudi Arabia, Egypt, Turkey, and Europe.

MOHAMMAD AL- ONIZAT

*Civil Engineering | leader in the Crown
Prince Foundation's Haqeq initiative*

Eng. Mohammad Al Onizat (Class of 2022), graduated with a major in Civil Engineering - Construction Management from Yarmouk University. "This is the specialty that I aspired to since I was young. I always looked to the future and saw myself as an engineer, planning my project and leading the work team." Mohammed learned how important the environment surrounding us is, and

how important it is for us to have a suitable space to showcase our talents and develop our skills, and the Crown Prince Foundation was the place where he was able to acquire additional leadership skills, and he was one of the first to join its programs in 2015. During the course of my 8 years, Mohammad entered into important experiences in the Foundation; Starting with the Haqeq initiative, he was chosen as a leader across the Kingdom from a small number of people, after important mental and strategic tests to evaluate the person who possesses innate leadership qualities.



During his time in the “Haqeq” initiative, he achieved several achievements, including:

1. Organizing the best event in the Kingdom for tourism promotion (in the presence of 13 nationalities) by evaluating all the work of the Kingdom's councils in 2019. He was the Vice President of the Council for Ajloun Governorate.
2. He achieved first place in the Kingdom by evaluating the Council's work methodology throughout the year in 2022, as he served as Chairman of the Administrative Council of Ajloun Governorate. He obtained first place in the Kingdom in a competition held for councils during this year.
3. He was chosen to be one of the selected members of the “Footsteps of Al-Hussein” program, the first cohort, and after a year of training and evaluation, he was one of the selected graduates of the “Footsteps of Al-Hussein” alumni network.
4. He was chosen to present his success story in front of His Highness Prince Hussein bin Abdullah, the Crown Prince.

Mohammad has always strived to gain the greatest amount of experience and knowledge. He held the position of director of the Knights of Nature program at the Royal Society for the Conservation of Nature. He worked on projects with various parties and had the opportunity to be chosen to be the first young Arab to work in the Canadian Government Federations Forum in 2021.

After his success in working with a project affiliated with the organization for 4 years and in partnership with the Princess Basma Center, where he held the position of team manager.

Today, Mohammad is still pursuing his goal: to be a professional engineer and project manager. He has sought to gain knowledge in his field of expertise and has obtained various training and work opportunities, including:

1. He worked as an owner's representative engineer as a project manager for a commercial complex project, and he has feelings of joy and happiness because he completed it successfully.
2. Currently working as a site engineer for a first-class contracting company, "Nael Haddad Establishment for Construction Contracting."
3. He was trained in the Engineering Department - at the University of Jordan, in the Faculty of Dentistry project.

During this year, he is creating his own program - a podcast, which is a step he planned to implement two years ago. He is very happy that he was a student at Yarmouk University, which was an edifice for gaining education and knowledge, and he will always advise himself and for others that the future is worth working, and that hope exists

AMMAR QAFFAF

*Technopreneur | Expert in Information
Security | Digital Transformation*

Dr. Ammar Qaffaf (Class of 2003), is a distinguished technopreneur with over two decades of expertise in Information Privacy, Security, and Digital Transformation. His journey began at the Hijjawi Faculty for Engineering Technology at Yarmouk University, where he earned his Bachelor of Science in Computer Engineering in 2003.



This foundation propelled him towards further academic achievements, including a Master's in Telecommunications Engineering from the University of Malaya in Kuala Lumpur, Malaysia and a Ph.D. in Information Systems from Nova Southeastern University in the Florida, the United States, where he focused on advancing security frameworks for digital platforms. Dr. Qaffaf's career in telecommunications began shortly after graduation when he joined Orange Jordan, one of the country's leading telecom operators. His career then took him across four continents, where he worked on various high-impact projects in the telecom and technology sectors. After gaining this rich international experience, Dr. Qaffaf returned to Jordan to take on the role of Digital Transformation Director at Umniah, another major telecom player in the country. In this position, he spearheaded innovative initiatives that significantly enhanced the company's digital capabilities and customer experience, applying the global insights he had acquired during his time abroad.

Throughout his career, Dr. Qaffaf has made a substantial impact on the global tech stage. His leadership has been central to the successful launch and expansion of mobile service providers in a variety of markets, including the United States, Mexico, Brazil, Peru, Saudi Arabia, the UAE, and Malaysia. His work has spanned not only major technology hubs but also emerging markets, where he has overseen complex technological deployments and ensured the successful delivery of cutting edge digital platforms in highly competitive environments.

Dr. Qaffaf's portfolio showcases a range of projects that highlight his versatility and innovative approach. His work spans various sectors including telecommunications, sports technology, education, logistics, FinTechs, and PropTechs. In these fields, he has consistently leveraged cutting-edge technologies such as AI, cloud computing, and blockchain to deliver scalable, forward-thinking solutions.

In addition to his technical achievements, Dr. Qaffaf has also refined his leadership skills. He completed the Oxford Executive Leadership Programme at Saïd Business School, University of Oxford, which helped him hone his strategic thinking and ability to digital transformation, innovative payment models, and AI-driven platforms. His expertise is further validated by industry-recognized certifications in cloud architecture and solutions design. navigate complex business challenges with clarity and vision. Dr. Qaffaf has been working across major tech hubs including Miami, Amman, and Dubai, focusing on solving complex challenges in digital transformation, innovative payment models, and AI-driven platforms. His expertise is further validated by industry-recognized certifications in cloud architecture and solutions design.

Dr. Qaffaf holds navigate complex business challenges with clarity and vision. Dr. Qaffaf has been working across major tech multiple industry certifications, including Professional Google Cloud Architect and AWS Certified Solutions Architect - Professional, and is actively involved in professional organizations such as IEEE and ACM.

KHALDUN ABU ZAYTOUN

*Senior Sales Manager at Carrier
Company | Low Current Systems Expert*

Khaldun Abu Zaytoun (Class of 2004), is a Senior Sales Manager in Carrier Company, leading the sales team in Saudi Arabia for Low current systems Market. He is an NFPA72 certified and member of NFPA. He has more than 15 years of experience with international companies in the region like HONEYWELL and CARRIER.



He has many years of experience in Low current systems (Computer Networks, Fire Alarm Systems, Security Systems, Audio Video Systems, etc).

As a Senior Sales Manager, Khaldun is trained and trainee for many sales skills like negotiation skills, time management, professional communication writing and many other skills.

In addition, Khaldun is an NFPA72 certified, he have a very extensive experience in fire alarm system design and built according for bot the American Standards and European Standards.

BARA' AL-ETAWI

AI and Data Scientist Developer

Bara' Al-Etawi (Class of 2023), a distinguished alumnus of Hijjawi Faculty for Engineering Technology, completed his degree with top honors and has quickly risen to become a distinguished AI and Data Scientist Developer in the tech industry. His current role allows him to harness the power of artificial intelligence in innovative and impactful ways, applying it across a range of complex use cases.



In his daily work, Bara' deals with vast and intricate datasets, ensuring that every model he develops is fed with the cleanest, most accurate data possible. His expertise in data cleansing forms the foundation of his models' success, ensuring that AI delivers results with precision. With a keen understanding of data engineering, Bara oversees the entire ETL (Extract, Transform, Load) process, selecting the right schemas and tools to handle and process data efficiently.

Bara' employs both classic machine learning algorithms and cutting-edge neural networks to address the unique challenges presented by each project. His ability to draw upon these techniques has enabled him to deliver exceptional results, optimizing processes and solutions in ways that were previously unachievable.

As the tech world shifts toward the use of Large Language Models (LLMs), Bara' stays at the forefront by integrating these models into his work. His meticulous fine-tuning of LLMs ensures that they align perfectly with the specific needs of his company, sharpening their accuracy and maximizing performance. His innovative approaches in this area reflect his drive to push boundaries, always seeking to enhance AI's capabilities for the benefit of the business.

Bara's journey from Hijjawi Faculty for Engineering Technology to a key player in the AI industry is a testament to his talent, dedication, and relentless pursuit of excellence. His contributions to the field are not just recognized within his company but are a shining example of what our graduates can achieve.

SAMEH BETAMONY

*R&D Engineer at the SuperGrid Institute |
HVDC & MVDC Control Systems Expert*

Sameh Betamony (Class of 2017), is an electrical engineer specializing in power systems and renewable energy. He earned his bachelor's degree in Electrical Power Engineering from Yarmouk University in 2017. During his studies, he completed a six-month internship at Kwar Energy, working on the Yarmouk University photovoltaic (PV) project.



Following his internship, Sameh worked for two years as a Design and Implementation Engineer at Kwar Energy, where he gained experience in various solar energy projects, including rooftop and ground-mounted PV systems.

In 2020, Sameh received a scholarship to pursue a master's degree in Electrical Engineering for Smart Grids and Buildings at Grenoble INP Ense (Institut d'ingénierie et de management, Grenoble Institute of Technology), France. As part of his master's program, he completed an internship at G2Elab (Grenoble Electrical Engineering Laboratory), where he collaborated with the power electronics team on controlling Voltage Source Converters (VSC) for interfacing battery systems with the electrical grid.

He later received a scholarship from the French Embassy in Jordan to support his PhD studies at the University of Grenoble Alpes, in collaboration with G2Elab and the French Alternative Energies and Atomic Energy Commission (CEA). His research focuses on the stability and control of microgrids with a high penetration of power electronics-based sources and loads.

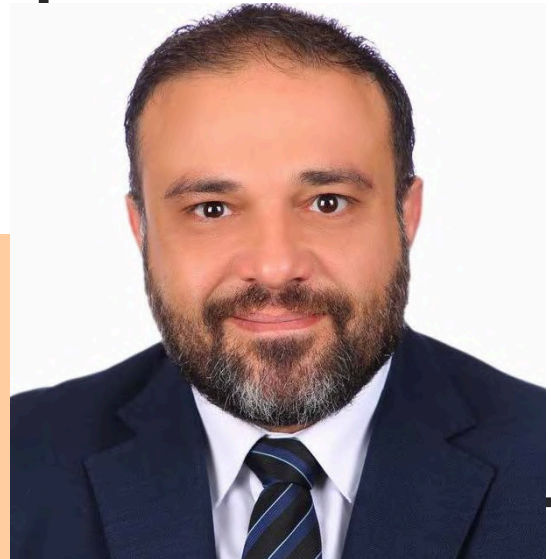
As a next step, Sameh will join the SuperGrid Institute in Lyon as an R&D Engineer within the Supergrid Architecture & Systems team. His work will focus on prototyping and validating control systems and protection schemes for High Voltage Direct Current (HVDC) and Medium Voltage Direct Current (MVDC) grids.

In addition to his professional Career, Sameh has been actively involved in IEEE volunteering. He played a key role in reactivating the IEEE Student Branch at Yarmouk University and has participated in and organized various events, including the IEEE Jordanian Student Branches Congress. Recently, he served as the Chairman of the IEEE Region 8 Student and Young Professionals (SYP) Congress 2024 in Grenoble, France.

QAIS BELAL SINJILAWI

Director of IGS Business for GE | Healthcare in the APAC Region.

Eng. Qais Belal Sinjilawi (Class of 2003), is currently the Director of IGS (Image Guided Solutions) Business for GE Healthcare in APAC Region (Australia, New Zealand, Korea and South-East Asian countries). He holds an MBA degree with distinction from the University of Manchester UK in 2020.



As a leader in the field of healthcare technology, Eng. Sinjilawi has an impressive career that spans multiple countries and cultures. His hard work in the healthcare industry has demonstrated a relentless commitment to advancing medical technologies for better patient care.

A Strong Foundation

Eng. Sinjilawi's journey began in 2003 when he graduated with a bachelor's degree in Electronics Engineering from the Hijjawi Faculty. His academic foundation provided a strong platform for a future in engineering and technology, but it was his passion for healthcare that would ultimately shape his professional journey. His early career in GE Healthcare began in the same year, where he was appointed as a Field Service Engineer for X-ray and imaging diagnostic systems in Jordan. It was here that he began to hone his technical expertise, working with state-of-the-art imaging equipment and developing a deep understanding of diagnostic systems.

Expanding Horizons: From Jordan to Libya

In 2005, Eng. Sinjilawi expanded his professional experience by moving to Libya to lead the technical support and installation of imaging diagnostic systems. His role involved overseeing the installation and maintenance of complex medical equipment, a responsibility that deepened his technical acumen and leadership skills. It was also in Libya that Eng. Sinjilawi began to shape his approach to customer service, building lasting relationships with medical professionals and ensuring the seamless operation of vital healthcare equipment.

Rising Through the Ranks

Returning to Jordan in 2010, Eng. Sinjilawi took on a more senior position as a Senior Field Engineer for the Levant region, which included Jordan, Lebanon, Syria, and Iraq. In this role, he further refined his ability to manage technical operations across multiple countries, and his efforts contributed to building GE Healthcare's reputation for excellence in the region. His work, which involved a comprehensive understanding of both the technical and commercial aspects of diagnostic imaging, led to a significant enhancement in the support provided to healthcare facilities.

A Shift Towards Commercial Leadership

In 2014, Eng. Sinjilawi's career took a pivotal turn when he was promoted to a leadership role in Saudi Arabia. As a Sales Leader for X-ray and interventional systems (Cathlabs), he embraced a more strategic role within GE Healthcare, combining his technical background with an emerging commercial expertise. His ability to lead teams, manage sales operations, and drive commercial success in a dynamic and competitive market set him apart as a leader with vision and business acumen. Eng. Sinjilawi's work in this capacity also allowed him to gain extensive experience in managing customer relations, from understanding their unique needs to delivering tailored solutions that improved patient care.

The Move to Singapore

In 2023, Eng. Sinjilawi reached a major milestone in his career when he was appointed as the Director of IGS (Image Guided Solutions) Business for GE Healthcare in APAC Region (Australia, New Zealand, Korea and South-East Asian countries). Relocating to Singapore, he took on a leadership position overseeing a broad portfolio of diagnostic and interventional medical technologies. Eng. Sinjilawi's role required him to navigate complex markets, sales processes, and cultural dynamics across several diverse regions. His ability to build relationships with global teams, interpret business challenges, and offer innovative solutions has been a testament to his skills as a leader.

Next Chapter: Australia and New Horizons

Looking ahead, 2024 marks a new chapter in Eng. Sinjilawi's career as he relocates to Australia, continuing his role as Director of IGS (Image Guided Solutions) Business for GE Healthcare in APAC Region (Australia, New Zealand, Korea and South-East Asian countries). With an eye on new growth opportunities, he aims to contribute to the company's ongoing success in a rapidly evolving healthcare landscape. Eng. Sinjilawi's move to Australia represents both a personal and professional milestone, as he takes on the challenge of exploring new opportunities in one of the world's most dynamic healthcare markets.

Leadership and Legacy

Eng. Sinjilawi's success is not only due to his technical expertise but also his leadership and interpersonal skills. Over the years, he has demonstrated an ability to manage teams from diverse backgrounds, creating a culture of collaboration and mutual respect. His leadership philosophy emphasizes the importance of continuous learning, adaptability, and fostering an environment where people are empowered to innovate and lead.

As he continues his journey at GE Healthcare, Eng. Sinjilawi believes that with hard work, determination, and a commitment to excellence, the sky truly is the limit. It has been a journey that was filled with passion, innovation, and leadership, and all came together to shape the future of healthcare.

YOUNIS ALOMOUSH

Founder & CEO of TAQNEEN SOFTWARE

Eng. Younis Salamah Alomoush (Class of 2004) is the Founder and CEO of TAQNEEN SOFTWARE, an innovative technology enterprise specializing in delivering cutting-edge software solutions, comprehensive digital transformation services, and advanced artificial intelligence capabilities. With over twenty years of distinguished professional experience, Younis has demonstrated remarkable expertise in aligning strategic foresight, technical excellence, and entrepreneurial vision to establish and expand TAQNEEN SOFTWARE as a leader in its field.



After obtaining his Bachelor's degree in Computer Engineering from Yarmouk University, Younis embarked on an illustrious career spanning diverse industries such as telecommunications, information technology, and digital services. Throughout his career, he has successfully led cross-functional teams, developed sophisticated software infrastructures, and guided organizations towards adopting cutting-edge, scalable technologies that proactively address current challenges and strategically position them for future growth. Through persistent dedication, Younis built TAQNEEN from a pioneering start-up into a recognized technology leader, adept at navigating and addressing the complex challenges of today's digital landscape. His leadership has resulted in robust partnerships across telecommunications, information technology, digital services, and governmental sectors, establishing TAQNEEN SOFTWARE as a trusted collaborator for numerous high-profile clients.

Younis's visionary leadership emphasizes user-centric solutions, stringent data security standards, and a commitment to continuous innovation. Under his guidance, TAQNEEN SOFTWARE consistently stays ahead of industry trends, enabling businesses to enhance their operational efficiencies, identify emerging opportunities, and maintain a competitive edge on the global stage. Beyond his corporate responsibilities, Younis actively invests in cultivating professional talent within the engineering and technology community. He is committed to mentorship, guiding young professionals toward excellence through problem-solving, ethical leadership, and innovative thought processes. His mentorship initiatives ensure that future generations of engineers and entrepreneurs are well-equipped to lead impactful and sustainable advancements in technology.

As an influential figure in the technology sector, Younis frequently contributes his expertise to industry panels, conferences, and workshops, where he discusses topics related to technological innovation, digital transformation strategies, and the transformative potential of artificial intelligence. His active participation underscores his commitment to promoting the strategic role technology plays in social advancement and sustainable growth.

In his personal life, Younis remains deeply engaged in exploring emerging technological trends, fostering strong professional networks, and participating in educational and community development programs. This integrated approach to professional excellence and personal enrichment exemplifies his dedication to bridging technology, society, and sustainable advancement.

IMAD ALMANSI

Senior Software Engineer at McMakler, Germany

Eng. Imad A. AlMansi (Class of 2017), is a highly accomplished Senior Software Engineer at McMakler, a leading digital real estate brokerage firm in Germany that is revolutionizing the real estate market through innovative technology. Imad's work at McMakler focuses on leveraging cutting-edge software solutions to streamline property transactions and enhance customer experiences in one of the most competitive industries in Europe.



Imad earned his bachelor's degree in Computer Engineering from the prestigious Hijjawi Faculty for Engineering Technology in 2017. During his academic journey, he demonstrated exceptional aptitude and passion for problem-solving and software development. He actively participated in numerous coding and algorithmic problem-solving competitions, including IEEEExtreme and the ACM International Collegiate Programming Contest (ACM-ICPC), where he competed at both regional and international levels. These experiences not only honed his technical skills but also instilled in him a strong collaborative and analytical mindset.

Imad's professional journey began during his undergraduate studies when he secured an internship in Berlin, Germany in 2016. This internship was part of the required training hours for graduation, facilitated by a collaboration between the Hijjawi Faculty and a German technology company. His exceptional performance during this period earned him a full-time position with the same company after graduation, marking the start of his international career.

Over the years, Imad has built a diverse portfolio of experiences, having worked across various domains including fraud detection, wholesale platforms, and language exchange technologies. He has consistently demonstrated an ability to adapt and innovate, mastering a range of tools and methodologies to deliver impactful solutions. Notably, he embraced Cloud Computing platforms like AWS and Google Cloud at an early stage, positioning himself as a forward-thinking technologist in a rapidly evolving digital landscape.

Today, Imad stands out as a tech leader with a global perspective, blending his technical expertise with a deep understanding of market dynamics. Beyond his technical acumen, his journey reflects a commitment to continuous learning and innovation, making him an invaluable asset to the organizations he serves and a role model for aspiring engineers.

YUSEF AL-KOFAHI

*AI & Data Science Leader | Principal Data
Science Manager at Microsoft*

Dr. Yousef Al-Kofahi (Class of 2003), is an accomplished data science leader with over two decades of academic and industry experience in artificial intelligence, machine learning, computer vision, natural language processing, and generative AI. He has co-authored more than 30 peer-reviewed publications and book chapters and holds over a dozen patents.



Currently, he serves as a Principal Data Science Manager at Microsoft, working on AI-driven co-innovation projects with strategic customers. Dr. Al-Kofahi earned his Ph.D. in Computer Systems Engineering from Rensselaer Polytechnic Institute (RPI) in 2009. His doctoral research focused on developing computer vision and machine learning algorithms for analyzing and mapping 2D and 3D tissue images in neuroscience and histopathology applications. Following his Ph.D., he worked with biotechnology startups in New York and Boston, where he led teams in developing image analysis and machine learning solutions that were successfully integrated into products for clinical laboratories and pharmaceutical research.

In 2011, he joined GE Global Research as a Senior Computer Vision Scientist, developing AI-driven solutions for biomedical applications by integrating multi-scale imaging data with clinical and genomic information. From 2014 to 2018, he led multi-disciplinary teams across various GE businesses, including GE Healthcare, where he developed deep learning-based segmentation and classification algorithms for multiplexed cancer tissue images, and GE Aviation, where he worked on AI-driven Automated Defect Recognition for additive manufacturing.

In 2019, he served as a Principal Investigator on a research grant within the NIH-funded HuBMAP consortium, leading a team of scientists in advancing multi-modality and multi-resolution, tissue mapping. His work addressed critical challenges in 3D reconstruction, image segmentation, and cell classification. In 2020, Dr. Al-Kofahi joined Microsoft's Industry Solutions Engineering as a Principal Data Scientist, where he led the development of cloud-based AI/ML solutions for various industries, including manufacturing and retail.

In 2022, he transitioned to an incubation team, playing a key role in the company's early adoption of generative AI and collaboration with OpenAI, where he led a data science team developing one of Microsoft's first enterprise large language model (LLM) applications. This effort culminated in the launch of the AI Acceleration Studio, an initiative dedicated to working with strategic customers on transformative AI solutions leveraging generative and foundation models. As a founding member and leader of the data science team, he played a key role in defining the studio's strategic roadmap and led efforts in applying multi-modal foundation models to real-world applications, including text-to-code and text-to-image generation.

Beyond his corporate work, Dr. Al-Kofahi has served as a technical advisor to BioNL.ai, a startup focused on machine learning and generative AI for genomic data analysis. He also served as a scientific advisor to Phi Science Institute, mentoring junior researchers on AI applications in biomedical research. Additionally, he was an adjunct professor at the State University of New York (SUNY), teaching graduate-level computer science courses from 2017 to 2018.

MOHAMMAD ALMESTIRAIHI

*Assistant Professor at University of
Texas Rio Grande Valley*

Dr. Mohammad Al Mestiraihi (Class of 2007), a proud graduate of the Hijjawi Faculty for Engineering Technology (Computer Engineering), has built an impressive academic and professional journey that spans multiple countries and disciplines. He earned his Ph.D. in Engineering Education from Utah State University (USU) in July 2022, under the supervision of Professor Kurt Becker.



Prior to that, he completed a Master of Science in Electrical and Computer Engineering at Oklahoma State University and a Master of Engineering in Computer Engineering at the Jordan University of Science and Technology (JUST).

With a strong foundation laid at Yarmouk University, Dr. Al Mestiraihi has accumulated extensive teaching and research experience. He spent over four years as a lecturer at Najran University in Saudi Arabia, served as a Graduate Teaching Assistant at Oklahoma State University for two and a half years, and as a Graduate Research Assistant at USU for three years.

Currently, Dr. Al Mestiraihi serves as an Assistant Professor in the Department of Electrical and Computer Engineering at the University of Texas Rio Grande Valley (UTRGV), a role he assumed in Fall 2022 shortly after completing his Ph.D.

His journey is a testament to the academic excellence and global impact of Hijjawi Faculty graduates.

AYAH QUDAH

*Senior Game Developer at
Maysalward Mobile Game Studio*

Eng. Ayah Qudah (Class of 2014), a graduate of Yarmouk University with a Bachelor's degree in Computer Engineering, has established herself as a trailblazer in the game development industry since 2017. Currently a Senior Game Developer at Maysalward Mobile Game Studio, she has been instrumental in developing innovative mobile and web games, with expertise spanning Unity, C#, and JavaScript.



Her diverse portfolio includes casual, hyper-casual, VR, and AR games, enriched by advanced AI integration and engaging multiplayer features.

In addition to her development achievements, Ayah is a passionate trainer and mentor dedicated to empowering game developers and educators across Jordan, Saudi Arabia, and the UAE. She has spearheaded training programs at Jordan's Gaming Lab, the Ministry of Digital Economy and Entrepreneurship, and the Ministry of Education, inspiring budding developers of all ages. Ayah was also part of a program with Microsoft, where she trained teachers in Jordan to use Minecraft Education as an engaging and interactive educational tool.

She is currently supervising the preparation and publication of game development materials in Arabic, aiming to make learning more accessible and easier for aspiring developers across the region. Her international contributions include leading training sessions in Saudi Arabia and boot camps in Dubai.

A standout moment in her career was her participation in an esports event in Dubai through Maysalward, where she proudly showcased Dominoes Pro, the studio's flagship game. Since 2019, Ayah has skillfully led development teams at Maysalward, reflecting her unwavering commitment to innovation and elevating interactive entertainment.

ABDULRAHMAN DAWAHDEH

Cost and Performance Engineer at Al Rajhi Cement Company – Cementra, Jordan.

Eng. Abdulrahman Ibrahim Dawahdeh (Class of 2021), holds a Bachelor of Science in Industrial Engineering from Yarmouk University, where he received a Royal Scholarship in recognition of his academic achievements. His innovative thinking is evident in his work on projects such as the smart self-cleaning system for solar panels, which improved energy efficiency and optimized the power system, and the smart pipe system, which was recognized for its impact in the first Hijawi Innovation and Creativity Competition.



During his studies at Yarmouk University, he actively participated in numerous extracurricular activities, serving as a member of the Hijawi Faculty Committee and as a director of university clubs affiliated with the Deanship of Student Affairs. These roles enabled him to develop leadership, organizational, and teamwork skills, enhancing his ability to contribute effectively to the academic and professional environment.

He is a highly skilled industrial engineer specializing in cost control, performance management, and process improvement. He currently works as a cost and performance engineer at Al Rajhi Cement Company - Cementra, Jordan, a leading cement manufacturer. His role focuses on improving operational efficiency, reducing energy consumption, and enhancing equipment effectiveness through data-driven decision-making and strategic process optimization.

At Al Rajhi Cement Company, Eng. Dawahdeh is responsible for analyzing energy consumption, monitoring machine operations, and conducting root cause analysis of downtime. His expertise has contributed to implementing corrective actions that have significantly reduced unplanned downtime.

Additionally, he oversees the management of capital and operating expenditure budgets, ensuring efficient resource allocation and cost optimization. He also prepares and monitors budgets to achieve cost control and integration across departments. He is also involved in administration, project management, budget management, equipment performance optimization, and monitoring performance metrics to achieve overall benefit and continuous improvement.

AWS IDRIS

Ph.D. Candidate and Graduate Research Assistant at Oklahoma State University

Eng. Aws Idris (Class of 2017), a standout alumnus of the Hijjawi Faculty for Engineering Technology, received a bachelor's degree in civil engineering, ranking first out of 181 students who graduated in the same academic year. His exceptional academic performance earned him special recognition from the Yarmouk University Alumni Club, honoring him as one of the top graduates of his college. Beyond academics, Aws was an active and engaged student, contributing to several college activities

and demonstrating early promise as a future influencer in the civil engineering field. Driven by a passion for structural innovation, Aws continued his academic journey at Jordan University of Science and Technology, where he earned a Master of Science in Structural Engineering. There, he was awarded a prestigious scholarship from the Scientific Research and Innovation Support Fund, granted to outstanding graduate students with outstanding academic records. Following his master's, Aws worked as a civil engineer at the Jordan Radio and Television Corporation, gaining valuable industry experience over two years before pursuing his Ph.D. studies.

Currently, Aws is a Ph.D. candidate and graduate research assistant in the School of Civil and Environmental Engineering at Oklahoma State University. In recognition of his academic excellence and research impact, Aws was awarded the Kerry & Roberta Havner Fellow in Structures & Mechanics Endowed Scholarship for three consecutive years, which is a prestigious honor given to outstanding scholars in the field of structural engineering.

His research is dedicated to enhancing the safety, reliability, and resilience of civil and marine structures through cutting-edge engineering solutions. His expertise includes high-fidelity finite element simulations, probabilistic and reliability analysis, structural safety assessment of ship components, risk and resilience enhancement of infrastructure systems, and the development of advanced seismic control technologies such as buckling-restrained braces.

In addition, his work investigates the performance of steel connections with the goal of improving structural reliability and efficiency. Through his research, Aws aims to help shape the future of civil infrastructure by promoting safer, more sustainable, and resilient engineering practices.



BILAL AL-ROUBI

Solutions Manager at Thales.

Eng. Bilal A. Al Roubi (Class of 2003), a graduate of the Communication Engineering program at the Hijjawi Faculty for Engineering Technology, currently serves as a Solutions Manager at Thales. With over 22 years of experience in the telecommunications services sector, Bilal has consistently demonstrated strong leadership and innovation in guiding cross-functional teams across highly competitive programs and markets.



His career spans multiple countries including the UAE, Saudi Arabia, Bahrain, and Jordan, where he has contributed to a broad range of strategic projects. Bilal's expertise lies at the intersection of business management and emerging technologies such as AI, IoT, mobile communication security, and system integration.

During his time at MYCOM, he played a pivotal role in advancing AI-driven telecom solutions, enabling Communication Service Providers (CSPs) to shift from reactive maintenance to predictive network and service management. These initiatives harnessed machine learning and advanced data processing to optimize performance, identify root causes, and enhance service quality.

At Thales, he has contributed significantly to the adoption of IoT connectivity and security solutions, aligning with GSMA standards. His work has empowered multiple industries—including smart metering, automotive, and healthcare—to deploy smart, secure, and connected devices using Thales' globally recognized credentialing technologies.

Bilal also holds numerous prestigious certifications that complement his technical and managerial acumen, including credentials from the Telecom Management Forum (TMF), Security+, and Project Management Professional (PMP), among others.

MOHAMMAD ALOTAIBE

*Co-Founder and Chief Operating Officer
(COO) at Jawaker*

Eng. Mohammad S. AlOtaibe (Class of 2007), is the Co-Founder and Chief Operating Officer of Jawaker, a leading online platform for traditional Arab games, serving players across the MENA region and the Arab diaspora. He earned his degree in Computer Engineering from the Hijjawi Faculty for Engineering Technology in 2007. His journey began from humble roots—starting as a solo customer support agent during his university years, handling player messages and operational tasks before titles or formal teams existed. Over time, his deep involvement and commitment helped shape Jawaker's evolution, leading him to become one of its co-founders and studio head.



Jawaker started with a small team of 5-6 people and has since grown to over 70 employees, all working in-house across engineering, design, marketing, and operations. This structure has allowed the company to move fast, stay user-focused, and maintain full control over quality and innovation.

Under Eng. AlOtaibe's leadership, Jawaker has established itself as a pioneer in digitizing traditional Arab games such as Hand, Tarneeb, Trix, and many others. The platform has since expanded into board games and physics-based games like Pool, broadening its appeal and player base while staying rooted in the cultural fabric of the region.

The company's class-A technical team competes on a global scale, continuously exploring the latest industry trends and technologies. With the support of a strong internal data team, Jawaker has developed in-house AI models that are already showing a measurable impact on user experience and monetization.

In 2021, Jawaker was acquired by Stillfront Group, a global gaming company with more than 24 studios worldwide. Today, Jawaker proudly stands as the top-performing studio in the entire group—a reflection of its focused strategy, high-quality products, and strong team culture.

At its core, Jawaker is a product of big dreams and bold execution. Eng. AlOtaibe and his team are driven by a clear mission: to continuously grow, innovate, and positively impact the lives of millions of players across the Arab world and beyond.

MOHAMMAD AL-ADWAN

Northern Region Manager at Manaseer Ready Mix.

Eng. Mohammad E. Al-Adwan (Class of 2011), is a dedicated and innovative leader in the concrete and cement industry, currently serving as Northern Region Manager at Manaseer Ready Mix. With nine years of industry experience, Mohammad has developed deep expertise in concrete technology, materials science, feasibility studies, statistical analysis, and the cement sector.



He previously excelled as Quality Manager for over six years at ARMCCO, where he also led the Research & Development department. In that capacity, he spearheaded pioneering trials using CEM II to produce green concrete-successfully reducing COX emissions and transforming waste into valuable construction materials.

Mohammad earned his B.Sc. in Construction Management from Yarmouk University, graduating with an excellent grade and ranking third in his class. He later earned an M.Sc. from Jordan University of Science & Technology (JUST), also with an excellent grade. He is now pursuing his Ph.D. in green concrete at the University of Malaya, continuing his commitment to sustainable innovation. During both his Master's and Ph.D studies, Mohammad has authored multiple scientific papers.

Fluent in Arabic and English, Mohammad is passionate about combining technical knowledge with practical experience to convert waste materials into innovative resources for the concrete industry-helping to reduce environmental impact and promote sustainable development.

He remains closely connected to Yarmouk University and often contributes as a guest speaker and mentor in academic-industry collaboration initiatives. His journey reflects the values of excellence, responsibility, and forward-thinking instilled during his time at Hijjawi Faculty.

Mohammad is a proud ambassador of Hijjawi Faculty alumni success stories, bridging academia and industry for a more sustainable future.

ALKHADHER ALQIARI

Co-Founder and Chief Technology Officer (CTO) at Ommni Inc

Eng. Alkhadher Alqiari (Class of 2017) is an accomplished technology leader and product architect with a strong track record of building scalable, high-impact systems for modern commerce. He is the Co-Founder and Chief Technology Officer of Ommni Inc., a U.S.-based SaaS company focused on automating product data management, pricing intelligence, smart inventory and order management, and end-to-end commerce automation across digital channels.



Alqiari has over eight years of experience designing and delivering cloud-native, multi-tenant platforms, event-driven architecture, and no-code automation. His work has empowered businesses to reduce complexity, accelerate execution, and scale efficiently without increasing engineering overhead.

Throughout his career, Alqiari has been recognized for his versatility, technical depth, and leadership. He was rapidly promoted through engineering and management roles, reaching senior and executive levels in just a few years, a path that typically takes much longer. His ability to deliver results independently, lead teams, and solve complex technical challenges has consistently earned him recognition.

Before founding Ommni, he served as Head of Technology at Floranow, the leading B2B floral marketplace in the MENA region, where he led major modernization efforts across logistics, pricing, ERP systems, and core B2B marketplace infrastructure. He also held key technical leadership roles at Remodeling.com, where he contributed to the development of digital marketing platforms and data-driven customer engagement tools.

Alqiari holds a Master's degree in Computer Science from the United States, graduating with a perfect 4.0 GPA. He earned his Bachelor's in Computer Engineering from Yarmouk University, graduating first in his class. His academic research on high-performance computing earned the Best Paper Award at the IEEE ICICS 2018 conference.

He is an AWS Certified Solutions Architect and Developer, having completed over 35 professional development courses in software architecture, cloud infrastructure, web technologies, and digital marketing. He brings comprehensive technical expertise that spans architecture, frontend and backend development, cloud infrastructure, and modern programming ecosystems and frameworks, enabling the delivery of scalable, enterprise-grade solutions.

Currently, Alqiari is focused on building the future of commerce at Ommni—designing AI-powered infrastructure and automation solutions that enable global retailers to operate with greater intelligence, speed, and scalability.

MONTASER SALLAM

*Senior Avionics Design Engineer
at ispace in Japan*

Eng. Montaser Sallam (Class of 2017) is a Senior Avionics Design Engineer at ispace in Japan. He is on the design team for the Series 3 lunar lander, which will be launched to the moon in 2027. He is responsible for the design and testing of the electronic units for the propulsion system and the power system, as well as the operations post-launch.



For Mission 2 RESILIENCE, which was launched in January 2025, he served as a spacecraft operations engineer. Montaser joined the Electronics Engineering Department at Hijjawi Faculty for Engineering Technology in 2012. While he was interested in electronics since he was a child, he had no particular interest in space technology. That quickly changed when he found out about Cubesats during his freshman year.

He was then determined to launch the first Jordanian satellite into space. In his freshman year, he started a project called SunewnewSat to work on his goal. His work was quickly noticed by the Crown Prince Foundation, and he was recruited together with other students to form the first Jordanian satellite team. He served as Payload and Ground Station lead for JY1-SAT. The satellite was successfully launched into space in 2018, making it the first ever Jordanian spacecraft to go to space. Montaser's initial dream was then fulfilled.

In 2017, for his last semester before graduation, he left Jordan and moved to the Netherlands for a 6-months internship. His task was to design a power system for two Dutch satellites. At the end of his internship, he received a job offer at the same company and started working full time as a satellite design engineer. He gained a lot of experience in this role and designed electronics for tens of satellites that were successfully launched to space, which prepared him well for his next role.

In 2023, he was headhunted to work on lunar landers. He moved to Japan in 2024 to pursue that dream. Throughout his studies and his career, he received multiple scholarships:

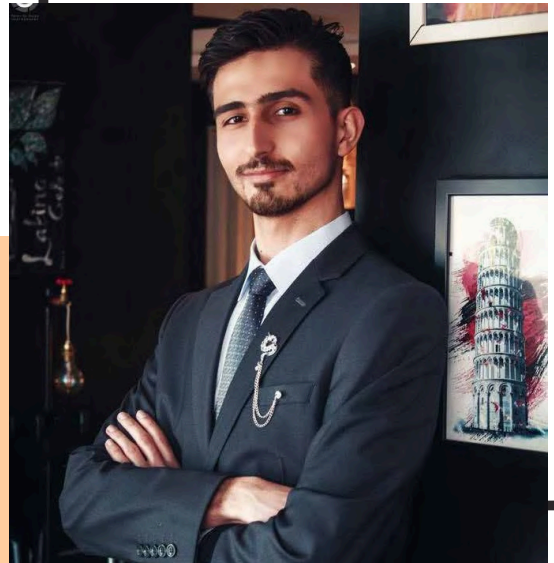
- Elia Nuqul Foundation: Fully funded scholarship to pursue a bachelor's degree in Electronics Engineering.
- Royal Jordanian Radio Amateur Society: Scholarship and training to obtain HAM certification; youngest licensed Jordanian radio amateur at the time.
- Crown Prince Foundation: Funding and training for the JY1-SAT mission.
- Swiss Space Center: Fully funded scholarship to attend the Swiss Space Camp in Lausanne; first person from the Middle East to receive this scholarship.
- Borderless Labs: Fully funded scholarships to attend the International Astronautical Congress for four years (Washington DC, Dubai, Paris, and Baku).
- Fully funded scholarship to start Citizen-Scientist Astronaut training at LIAS in the US.

Montaser started his astronaut training in 2023 and became a Citizen-Scientist Astronaut Candidate after completing the introductory course with a full grade; he will continue his training in the upcoming years. Outside of engineering and shortly after moving to Japan, Montaser started a side career in motorsport. He caught the attention of the Japanese racing legend Keiichi Tsuchiya and currently represents him in Europe and the Middle East. He is also growing as a racer/drifter in Japan.

MURAD GHAZZAWI

A Splunk Functional Engineer | Security Consultant

Eng. Murad Ghazzawi (Class of 2020), a distinguished graduate of the Hijjawi Faculty for Engineering Technology at Yarmouk University, earned his Bachelor's degree in Computer Engineering in 2020. He is a dedicated Cyber Security Consultant with five years of professional experience protecting digital infrastructure and enhancing enterprise security systems.



Murad currently holds dual roles as a Splunk Functional Engineer at Belastingdienst in the Netherlands and as a Security Consultant with Navaio IT Security in Haarlem. His work focuses on integrating powerful SleM solutions, refining Splunk architecture, and streamlining IT operations across large organizations.

During his university years, Murad served as Chairman of the IEEE Computer Society at Yarmouk University and acted as an IEEE Xtreme Ambassador, organizing and promoting programming competitions across Jordan.

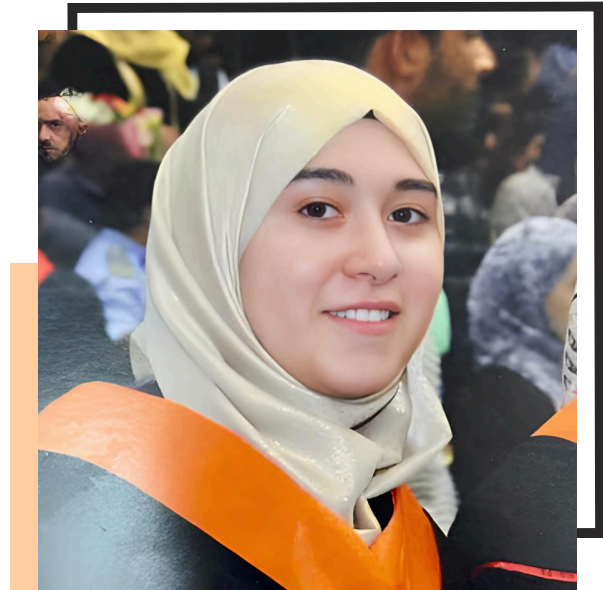
Beginning his career as a Cyber Security Analyst, Murad quickly earned recognition for his expertise in threat detection, vulnerability management, and incident response. While working at STS Specialized Technical Services in Amman, he led Splunk deployments from scratch, implemented advanced use cases with Splunk Enterprise Security, and optimized security orchestration using Splunk SOAR.

In addition to his professional roles, Murad holds multiple certifications, including Splunk Enterprise Certified Architect and SOAR Certified Automation Developer. He has also completed advanced courses in forensic investigation, SOAR playbook development, and Splunk cluster administration, demonstrating his deep technical knowledge and commitment to continuous learning. Fluent in Arabic and English, Murad is also expanding his communication skills in Dutch and Czech. Driven by a passion for proactive cyber defense and data-driven automation, he is shaping the future of intelligent cyber threat mitigation across Europe and beyond.

KHITAM SHANNAQ

Full Stack Engineer | Manager of Hijjawi Foundation Career Development Center

Eng. Khitam Shannaq graduated from the Hijjawi Faculty of Computer Engineering in 2016. Over the past nine years, she has cultivated a distinguished career as a Full Stack Engineer, actively contributing to a wide range of impactful projects that have sharpened her technical proficiency and expanded her expertise across software development and project management.



Her professional journey began at the Hisham Hijjawi Incubator, where her role extended far beyond conventional responsibilities. Eng. Khitam dedicated herself to sharing knowledge and helping others grow, training over 200 students and guiding them through their developmental phases until successful graduation. Her commitment to fostering talent and nurturing potential has been a cornerstone of her career.

Among her most gratifying experiences are the numerous testimonies from former trainees who credit her comprehensive training programs as instrumental in their confident transition into the competitive job market. Eng. Khitam's methodology emphasizes not only technical skills but also the cultivation of critical thinking, creativity, and problem-solving abilities—empowering students to translate theoretical concepts into practical, real-world solutions.

Currently, Eng. Khitam holds the position of Manager of the Hijjawi Foundation Career Development Center, she leads efforts to empower youth and professionals in engineering and technology. The center aims to bridge the gap between academic education and the evolving needs of the labor market by enhancing practical skills, fostering professional growth, and building strong connections between graduates, job seekers, and industry stakeholders.

Eng. Khitam's journey reflects not only sustained dedication and professional excellence but also an enduring legacy shaped by the successes of her students and the realization of their aspirations. Her contributions resonate as a testament to her unwavering commitment to educational advancement and workforce development.

Far from being a conclusion, her story marks the beginning of new chapters defined by innovation, creativity, and leadership—paving the way for future generations across diverse fields to thrive in an ever-evolving job market.

SANABEL AL-ARSAN

Full-Stack Engineer | Talented Artist | Public Relations & Alumni Officer at Hijjaw Foundation Career Development Center

Eng. Sanabel is a graduate of the Hijjawi Faculty for Engineering Technology, class of 2017, whose professional journey reflects a rare blend of technical mastery and outstanding artistic talent. With 8 years of experience as a Full-Stack Engineer, her career began at the Scientific Incubator of Hisham Hijjawi, where She played a pivotal role in training and mentoring nearly 200

students preparing them to confidently enter the job market with strong skills in UX/UI design, web development, mobile application development, and project planning.



Throughout her career, she has worked on numerous web and mobile application projects, delivering high-quality, innovative solutions tailored to user needs.

Endowed with a keen artistic eye, a natural flair for creativity, and a deep passion for drawing, she discovered in web design and development the perfect fusion between the technical discipline of computer engineering and her love for art, colors, and aesthetics. This unique combination not only shaped her professional identity but also enabled her to deliver innovative, user-focused digital experiences that stand out both functionally and visually.

Deeply passionate about her field, she is committed to continuously developing her skills, staying ahead of industry trends, and sharing her knowledge to inspire and support others who choose the same career path.

Currently, she serves as the Public Relations and Alumni Officer at the Hijjawi Foundation Career Development Center, aiming to help build long-term, mutually beneficial relationships with the industrial and private sectors. She also strives to create meaningful internship opportunities for engineering students and open valuable career pathways for graduates, reaffirming her commitment to empowering the next generation of professionals and strengthening the link between academia and industry.

AMJED ATALLAH

Founder & CEO of Ludovic, Inc. | From
Engineering to Global Entrepreneur

Eng. Amjed Atallah (Class of 2018), a proud graduate of the Hijjawi Faculty for Engineering Technology at Yarmouk University, earned his Bachelor's degree in Power Electrical Engineering in 2018. What began as a foundation in engineering quickly evolved into a journey of entrepreneurship, with Amjed transforming his analytical skills into business leadership.



During his university years, Amjed served as the Communication Officer between the Hijjawi Faculty and the nonprofit Hijjawi Foundation. This pivotal role allowed him to guide fellow students while cultivating the entrepreneurial mindset that would define his career. Within a year of graduating, Amjed launched his first company, Thepromo, a digital marketing firm dedicated to helping businesses expand their online presence.

Today, Amjed is the Founder, Owner, and CEO of Ludovic, Inc., a global online retailer specializing in precious stones. Under his leadership, Ludovic has grown into a multiple 7-figure enterprise with the ability to serve customers anywhere in the world. The company has earned recognition as one of the Top 10 jewelry brands worldwide on Trustpilot, a testament to its quality, innovation, and dedication to customer satisfaction.

Amjed's philosophy stems from his engineering background:

"Engineering sharpens the ability to see beyond problems and create solutions. It's not just about machines or circuits, it's about cultivating a problem-solving mindset that transforms every aspect of life and business."

Driven by this belief, Amjed continues to shape his ventures with a relentless focus on growth, innovation, and global impact. His story stands as proof that the principles of engineering can extend far beyond the technical field, fueling entrepreneurship, vision, and success across every industry.

AIMAN AL-JARADAT

Lead Trainer Team leader at Orange Coding Academy | Software Engineer | Technical Mentor

Eng. Aiman Al-Jaradat, a distinguished graduate of Yarmouk University (Class of 2021) with a Bachelor's degree in Computer Engineering (Distinction & Honors), is a dedicated Software Engineer and Technical Trainer with a proven record of excellence in full stack development, technical training, and mentoring aspiring developers.



Currently, Aiman serves as a Lead Trainer at Orange Coding Academy, where he is responsible for delivering advanced technical training and curriculum design in .NET Core, PHP-Laravel, Angular, React, SQL, and modern web technologies. Alongside his role as a trainer, he contributes as a Software Engineer, leveraging his hands-on experience to drive innovative projects and support organizations in building scalable and efficient software solutions.

During his academic years, Aiman actively participated in multiple initiatives, including volunteering with the IEEE Computer Society at Yarmouk University, and the “HAQQ” Initiative, promoting community service and student empowerment. His early freelance work also provided him with diverse experience in application development and digital marketing.

Aiman holds professional certifications such as the Training of Trainers (ToT) from Orange and Google Project Management, further reflecting his commitment to continuous learning and excellence. Known for his ability to simplify complex concepts, he has guided and mentored numerous cohorts of students to successfully transition into the tech industry.

Proficient in Arabic and English, Aiman blends strong interpersonal abilities with advanced technical knowledge. Beyond being a capable developer, he is recognized as a dedicated mentor who empowers others through guidance and practical expertise. With a strong commitment to professional growth and knowledge sharing, he continues to inspire future software engineers and contribute to advancing the technology ecosystem in Jordan and abroad.

MUSAB WEDYAN

PhD Candidate and Researcher in Architecture and Environmental Design

Musab Wedyan's journey into the world of architecture and environmental design began with a simple, enduring curiosity: how do spaces shape human experience?

Born and raised in Jordan, Wedyan's early fascination with the built environment led him to pursue a Bachelor's degree in Architectural Engineering at Yarmouk University. There, he immersed himself in design, community planning, and environmental challenges. His passion for human-centered spaces only deepened during his Master's studies at the Jordan University of Science and Technology, where he combined architecture with Machine Learning (ML). His thesis, which used ML algorithms to predict patient satisfaction in hospital environments, foreshadowed a career that would bridge design and data in powerful new ways.

Now a PhD candidate at Michigan State University (MSU), Wedyan is charting new territory at the intersection of artificial intelligence and landscape architecture. His current research explores how Large Language Models (LLMs) can be trained to interpret environmental cues, human perception, and urban imagery to support better design decisions. It's a bold question: Can machines help us create healthier, more walkable cities? To answer it, Wedyan blends methods from environmental psychology, computer vision, and prompt engineering. He builds AI tools that evaluate urban environments not just in terms of data, but in terms of how they feel hot or cool, safe or exposed, calming or stressful. His work aims to give designers new lenses through which to see the city, helping them respond more precisely to people's needs.

Beyond research, Wedyan is a dedicated mentor and educator. At MSU, he worked as a teaching assistant supporting graduate design studios, guiding students through conceptual development, and contributing to funded research projects focused on sustainable park planning and public health. He has also served as a lecturer in Jordan and practiced as an architect in both Kuwait and his home country, contributing to diverse urban and residential projects.

With over seven peer-reviewed journal articles including in PLOS ONE, Travel Behaviour and Society, and Journal of Urban Health, he's building a reputation for cutting-edge, data-driven urban analysis. His recent study comparing AI and human perceptions of walkability is already gaining attention for its innovative methods.

Wedyan's work has been featured in major conferences such as Environmental Design Research Association (EDRA) and Council of Educators in Landscape Architecture (CELA), and he has presented across the U.S. on topics ranging from mental health and design to AI-supported perception studies. Along the way, he has been recognized through multiple fellowships and awards, including a 4-year PhD scholarship, a Graduate School Fellowship at MSU, and second place in a national design competition for architectural students in Jordan.

Currently serving as President of the Doctoral Student Society at MSU's School of Planning, Design and Construction, Wedyan is not only advancing research but he is shaping the academic community around him. From student to researcher, architect to AI designer, Musab Wedyan continues to ask big questions and build thoughtful solutions. His story is one of curiosity, connection, and a belief that the future of design lies not just in technology but in using it to understand people better.

SAMI AL-ZAWATEEN

*General Manager of Al-Samra Power
Generation Company*

Eng. Sami Al-Zawateen is a distinguished graduate of both the Bachelor's and Master's programs in the Electrical Power Department at the Hijjawi Faculty for Engineering Technology, Yarmouk University. He is recognized as one of the leading experts in Jordan's energy sector. With over twenty-five years of professional experience in the energy industry, Eng. Al-Zawateen has progressed through various technical and leadership roles.



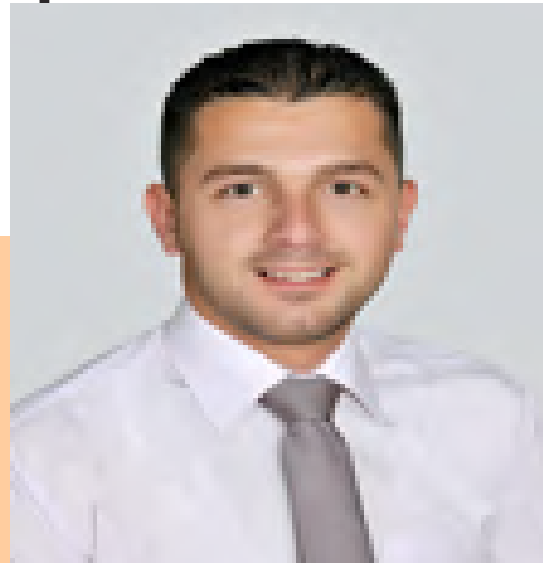
His most recent position was Deputy General Manager for Technical Affairs at the Electricity Distribution Company starting in 2022, before assuming the role of General Manager at Al-Samra Power Generation Company.

Al-Zawateen represents a successful alumnus who combines academic excellence with practical expertise, rising to lead one of the most vital companies in Jordan's electricity sector.

QUSAY NAWAFLEH

Maintenance Engineer at National Electric Power Company (NEPCO)

Eng. Qusay Nawafleh (Class of 2009, Jordan University of Science and Technology) is a passionate and forward-thinking researcher and academic in the field of Electrical Power and control Engineering, with a strong focus on sustainable innovation and advanced numerical modeling. A proud graduate of Jordan University of Science and Technology, Eng. Nawafleh earned both his Bachelor's (2014) and Master's (2019) degrees in Electrical Power Engineering.



Eng. Nawafleh works at the National Electric Power Company (NEPCO), one of the companies specialized in the electrical energy transmission sector, as a maintenance engineer for 132/33 kV. He had published Four (journal and conference) articles specialized in load forecasting system using artificial network (AI). He had tested and commissioned the capacitor bank cells 33 kV in a Chinese factory in Shandong Province, he attended the whole factory test for that cell, as it is in the IEC standard in 2024. He is authorized to work on low-voltage, medium-voltage, and high-voltage power systems networks in Jordan. He is also authorized to make maintenance for 33 K.V feeders circuit, 132 K.V lines circuits, 33 K.V capacitors bank, 132 K.V bus coupler, 33K.V bus section, 132 K.V bus section, and 132 K.V – 33 K.V power transformers.

Eng. Nawafleh is also an experienced professional, to make a switching operation open and close for power transmission substations equipment (132 KV-33 K.V) in Jordan, making life and dead washing for power substation equipment, working on Infrared camera for monitoring the temperature and hot-spots of power transmission substations equipment 132 K.v - 33 K.v and Overhead transmission lines. Camera manufacture (FLIR).

MR. Nawafleh had attended the product training course related to "Transformers and OLTC theory, Operation, Test, and maintenance, Failures and Reasons" held by General Electric Power Company, Istanbul, Turkey. Attend 25-hour sessions of "Hose Wiring Fundamentals" held by the Electrical Training Center at the National Electric Power Company (NEPCO). Attend the training course of "Operation and Predictive Maintenance for Distribution System" held by the Electrical Training Center at National Electric Power Company (NEPCO). Attend a workshop held by the GIZ entitled: Solar Cooling in Jordan.

MOHAMMAD NABIL TBISHAT

*Electrical Maintenance Engineer – Al-Samra
Power Generation Company*

A graduate of the Electrical Power Department at the Hijawi Faculty for Engineering Technology, Yarmouk University, Eng. Mohammad Tbishat possesses outstanding practical experience in the energy sector. He currently holds the position of Electrical Maintenance Engineer at SEPCO.



Positions and Achievements:

- Vice Chair of the Youth and Sports Committee at the Jordan Engineers Association (2025–2028 term)
- Secretary of the Youth and Sports Committee at the Jordan Engineers Association (2022–2025 term)
- Graduate of the Political Institute for Youth Leadership Preparation – Energy Sector
- Executive member at the Political Institute for Youth Leadership Preparation
- Active member of the Jordanian Youth Parliament

Eng. Mohammad Tbishat represents a model of ambitious Jordanian youth through his contributions to the development of the energy sector and his active participation in professional and youth union activities.

MOATH BANI FAYYAD

*Researcher, Academic, and High-Voltage
Engineering Specialist*

Dr. Moath Bani Fayyad (Class of 2008, Hijjawi Faculty of Engineering Technology) is a passionate and forward-thinking researcher and academic in the field of Electrical Power Engineering, with a strong focus on sustainable innovation and advanced numerical modeling. A proud graduate of Yarmouk University, Dr. Fayyad earned both his Bachelor's (2013) and Master's (2019) degrees in Electrical Power Engineering before obtaining his Ph.D. from Budapest University of Technology and Economics in 2025 with honors (Cum Laude).



His doctoral research centered on optimizing electrostatic precipitators (ESPs) using advanced simulations via COMSOL Multiphysics, contributing to emission reduction strategies and energy-efficient designs in industrial filtration. He has published 7 peer-reviewed journal articles and presented his work at 7 international IEEE conferences, establishing himself as a growing voice in the fields of high-voltage engineering, sustainability, and electrical insulation systems—particularly in nuclear power plant cable diagnostics using low-frequency dielectric analysis.

Dr. Fayyad is also an experienced professional, having worked in industry roles across quality control, site engineering, and academic lab supervision. His technical toolbox includes MATLAB, Python, SQL, Tableau, FEM modeling, and COMSOL, making him uniquely positioned at the intersection of engineering application and data-driven research. He serves as a peer reviewer for prestigious Elsevier journals, including:

- Journal of Electrostatics (Q2, IF \approx 2.1),
- Process Safety and Environmental Protection (Q1, IF \approx 7.8),

Demonstrating his recognized expertise in high-voltage simulation, environmental technologies, and sustainability. In addition, he was recently invited by Wiley-IEEE Press to review a book proposal on substation maintenance—further validating his academic and technical contributions.

Advanced in English and fluent in Arabic, Dr. Fayyad is committed to bridging academia and industry. Deeply connected to Hijjawi Faculty, he often returns as a mentor and advocate for collaborative initiatives between students, faculty, and industry. His journey reflects a consistent dedication to scientific excellence, mentorship, and sustainable energy development, making him a proud ambassador of Yarmouk University and a promising contributor to the future of electrical engineering in the Arab region.

ASHRAF AL-QUDAH

*Electrical Specifications, Procurement |
Technical Support Engineer*

Ashraf Al-Qudah is a graduate of Al-Hajawi College for Engineering Technology. After graduating in the summer of 2014, he began his career in the field of renewable energy in Jordan, then worked briefly in construction. His career path took an important turn when he joined an electricity distribution company EDCO. This is where his passion for his work truly began.



He found great satisfaction in providing a key service—bringing electricity to people's homes—and this motivated him to become an expert in his field.

Ashraf's diverse experience has enriched his skill set, covering a wide range of responsibilities in electrical engineering.

Position: Electrical Specifications, Procurement & Technical Support Engineer

Key Responsibilities:

▮ Specifications & Procurement: Drafting and refining technical specifications for electrical materials, and managing the approval process with suppliers. This includes meticulously studying supplier offers, comparing technical and financial proposals, and ensuring the selection of the most suitable bids.

- Technical Development: Developing and improving technical specifications for essential network components, such as transformers, circuit breakers, switches, cables, and accessories etc..QualQ
- Quality Assurance & Support: Conducting Factory Acceptance Tests (FAT) to ensure quality control, providing critical technical support, and troubleshooting a variety of project challenges.
- Supervisory Role: Directly and indirectly overseeing the procurement of materials to support ongoing projects and operations.

Recently, he was also given the task of managing all buying processes and overseeing the company's inventory.

A Word of Thanks: "I am honored to be recognized by my alma mater. My education at Al-Hajawi College provided the solid foundation and technical skills that have been essential throughout my career. This recognition is a testament to the college's commitment to shaping future leaders in engineering.

MOHAMMAD AL-ZGHOUL

*Head of Main Substations Department – EDCO
(Electricity Distribution Company)*

BSc in Electrical Power Engineering – Yarmouk University Class of 2008 – Graduated in 2012. Mohammad Al-Zghoul is an electrical engineer with over 12 years of experience at one of the three major electricity distribution companies in Jordan – EDCO – which covers more than 70% of Jordan's land area with electricity.



He began his career immediately after graduation and has worked across several key departments, gaining comprehensive and hands-on experience in the energy sector :

- Maintenance Department: He specialized in the maintenance of distribution transformers and low/medium voltage lines .
- Meters Department: He gained strong expertise in the development and implementation of smart meters.
- Main Substations Department: He currently serves as Head of the Department in the Jordan Valley region (since 2021), with advanced skills in the design and maintenance of power transformers, ring main units (RMUs), low and medium voltage underground cables, and electrical joints.

However, Mohammad's ambitions go beyond engineering. He believes that knowledge should be a ladder not only for intellectual growth but also for financial development. Over the past 12 years, alongside his engineering career, he has successfully ventured into the business world:

- He became a partner in trade and in importing goods from China.
- He owns one of the top-rated chalets in the Jordan Valley.
- He also works as a consultant in electric vehicle trade and maintenance.

Mohammad aspires to become one of Jordan's leading entrepreneurs, combining his technical background with a business-oriented mindset.

KHALED NUSAIR

*Senior Power System Protection and Metering
Engineer at National Electric Power Company*

Eng. Nusair is a senior Power System Protection and Metering Engineer at the National Electric Power Company (NEPCO) in Jordan. He holds a Master's degree in Electrical Power Engineering from Yarmouk University, obtained in 2016, where his thesis focused on "Reactive Power Optimization Including STATCOM Using Some Latest Evolutionary Algorithms."



He also holds a Bachelor's degree in Electrical Engineering from Jordan University of Science and Technology, earned in 2012.

With a strong background in power system protection, Khaled has been working with NEPCO since 2012, where he is involved in designing and analyzing protection systems, coordinating protective relays, conducting power system calculations, and testing various electrical components. Additionally, he has a keen interest in research, where he contributed to studies related to optimal power flow, renewable energy integration, and the optimization of power systems using advanced metaheuristic algorithms. Khaled's technical skills include proficiency in MATLAB, Python, DlgSILENT, ETAP, and PowerWorld. He is skilled in conducting power flow studies, short-circuit analyses, and relay coordination.

He is an active member of the Jordan Engineers Association, having been licensed as an Electrical Power Engineer since 2012. Khaled has contributed to 12 peer-reviewed papers published in Q1 journals, primarily focused on power system optimization, renewable energy, and harmonic distortion. His research work has been published in prominent journals such as Electronics and IEEE Access, and he has co-authored several influential articles in these fields.

Khaled's expertise lies in advancing the field of power system protection, focusing on improving system efficiency, integrating renewable energy, and utilizing optimization techniques to enhance power flow and relay coordination. His work reflects a commitment to both practical engineering applications and cutting-edge research in the electrical power industry.

HUSSAM ALQURAAN

ICT Infrastructure Director at Synaptic Technologies

Hussam Alquraan's journey in technology began in 2010 when he graduated from the Hijawi Faculty of Engineering with a degree in Computer Engineering. Since then, he has devoted more than 15 years to building and leading ICT infrastructure projects across Jordan — not merely as a profession, but as a mission to serve his country.



Early in his career, he had the privilege of contributing to some of the nation's most impactful initiatives. From deploying the full fiber-optic network for the DISI water line to supporting critical institutions like the Jordan Armed Forces and King Hussein Cancer Center, he quickly realized that technology, when implemented with purpose, truly transforms lives.

His professional path also led him to collaborate with major telecom operators such as Umniah — supporting their 3G, 4G, and 5G rollouts — and Zain, where he contributed to expanding their business services. One of his proudest accomplishments was leading the implementation of the largest FTTH (Fiber to the Home) network in Jordan.

Beyond large-scale national initiatives, he has also led meaningful projects such as those at the Rosary School in Irbid and King Talal Hospital in Mafraq. These were not just technical milestones, but deeply personal contributions to the communities they serve.

Continuous learning has always been a cornerstone of his journey. He has earned certifications in project management, including Scrum Master Professional and Lean Six Sigma Black Belt, and has pursued leadership development at globally renowned institutions such as Oxford, Harvard, the University of Pennsylvania, and MIT. In addition, he holds technical certifications from leading vendors including R&M, Nexans, PMI, APC Schneider, and Fiberhome — each enriching his expertise and broadening his capabilities.

Currently, he serves as the ICT Infrastructure Director at Synaptic Technologies. Since assuming this role, he has helped drive a tenfold increase in business growth within five years. More than the numbers, however, he is proud of the trust they have built, the strong professional network they have nurtured with clients, and the reputation they have established within the industry.

At the heart of everything he does is a firm belief in Jordan — in its people, its potential, and its capacity to lead in technology and innovation. That belief continues to inspire and guide him every single day.

YAZAN WASFI ALRAHABNEH

*Co-Founder & Chief Technology Officer
(CTO) at Media Observer ME*

Yazan Wasfi Alrahabneh is the co-founder of Media Observer ME, a regional media monitoring and intelligence company founded in 2011 and based in Amman, Jordan. The company provides comprehensive monitoring and archiving of media content across television, radio, print, online, and social media platforms.



Company's services include real-time news clipping, metadata tagging, keyword tracking, and delivery of structured media reports to clients in both public and private sectors. Media Observer ME has operational offices in Dubai (UAE), Doha (Qatar), Cairo (Egypt), and other locations across the Middle East.

Yazan's responsibilities at Media Observer ME include overseeing system architecture, data workflows, and platform development for managing large-scale media ingestion, processing, and search capabilities. He has been involved in building tools for media indexing, customer access portals, and multilingual content handling.

He holds a Master's degree in Networking and System Administration from Rochester Institute of Technology (RIT) and a Bachelor's degree in Computer Engineering from Yarmouk University, earned in 2005. His academic background includes coursework and research in computer networks, systems management, and distributed computing.

Prior to co-founding Media Observer ME, he worked on various technology projects involving web platforms, database systems, and backend automation.

KHALID AL-DARABKEH

*The Distinguished Professor at the
University of Jordan*

Professor Dr. Khalid Ahmad Al-Darabkeh is one of the most prominent academics and researchers in the field of Computer Engineering at both the Arab and international levels. He currently holds the position of “Distinguished Professor” in the Department of Computer Engineering at the University of Jordan, becoming the first academic in the university to earn this prestigious title, after being exclusively awarded it in 2024.



This recognition reflects his exceptional scientific and professional career in the fields of education, research, and service to the university and the community. He was born in Jordan in 1978 and began his academic journey by obtaining a Bachelor’s degree in Computer Engineering from Yarmouk University in 2002 with honors, where he stood out from his early undergraduate years with remarkable academic and professional performance. The university and the Jordanian Computer and Communication Systems Company honored him as the first student to be employed during the training period (which was a graduation requirement), in addition to training the company’s technical staff at that time—an unprecedented achievement for a university student back then.

He pursued higher studies, earning a Master’s degree in Electrical and Computer Engineering from New York Institute of Technology in 2003 with distinction, followed by a Ph.D. in Computer Engineering from the University of Alabama in Huntsville in 2007, with distinction, sponsored by the University of Jordan. During his studies, he received outstanding academic honors, including being listed in Who’s Who Among Students in American Universities and Colleges and being recognized by his university for completing the program in record time with exceptional research output. Dr. Al-Darabkeh joined the faculty of the University of Jordan in 2007 as an Assistant Professor, quickly excelling in teaching, research, and university service, which qualified him for Professorship in 2016 through an exceptional promotion. In 2024, after a two-year rigorous evaluation and university-wide competition, he was officially awarded the title of “Distinguished Professor” by the University Council of Deans, becoming the first to hold this prestigious title.

He has an outstanding research record, having published over 250 peer-reviewed scientific papers in international journals and conferences indexed in Scopus and Clarivate. He has also co-authored chapters in specialized scientific books. For five consecutive years, he has been ranked among the top 2% of scientists worldwide according to Stanford University’s ranking, and his name has been listed among the most highly cited researchers at the University of Jordan, ranking within the top 1% of its researchers in terms of scientific productivity and quality.

He has received many prestigious awards, including: the Arab Union of Scientific Research Councils Award for Innovation (2020), the Distinguished Researcher Award from the University of Jordan (2018–2022), and the Ali Mango Distinguished Researcher Award in Jordan (2012–2017). He has also been honored by several academic and national institutions, including the Jordan Engineers Association, Abdul Hameed Shoman Foundation, Ajloun Heritage and Culture Center, Ajloun News Agency, in addition to multiple recognitions from the University of Jordan, all in appreciation of his scientific contributions that elevated the university’s ranking regionally and globally.

Beyond academia, Dr. Al-Darabkeh holds influential leadership roles in higher education in Jordan. He was appointed by a Royal Decree as a member of the Board of Trustees at Tafila Technical University, and served as a board member of the Scientific Research and Innovation Fund at the Ministry of Higher Education, chaired by the Minister of Higher Education, where he also headed its senior committees overseeing supported scientific journals. He is a member of the Higher Education Accreditation Council for Non-Jordanian Institutions, chaired by the Minister of Higher Education, and has led numerous national committees responsible for developing academic standards, accrediting programs, and integrating qualifications into the National Qualifications Framework.

Internationally, he spearheaded a landmark project establishing the first joint Ph.D. program in Computer Engineering between the University of Jordan and the University of Nebraska–Lincoln in the United States, which resulted in offering full scholarships to admitted students.

He has also served as a member of the advisory council for the U.S.–Jordan Academic Cooperation Network (RAWABET), a member of the Hamdi Mango Center for Scientific Research, head of the Business Development and Investment Committee at Tafila Technical University's Board of Trustees, member of its Academic Committee, and since 2018, the University of Jordan's representative on the Research Ethics Council at Princess Sumaya University for Technology. He also served on the Investment Fund Board at Tafila Technical University (2022–2025). In recognition of his scientific reputation, he was selected as a jury member for the Abdul Hameed Shoman Award for Arab Researchers in the field of Communications and Wireless Networks in 2020.

In teaching, Dr. Al-Darabkeh has a distinguished record. He developed a full-duplex cognitive radio network simulator within the Internet of Things environment, which is now used globally by graduate students. He is considered one of the leading experts in Jordan and the region in IoT, smart city technologies, and smart medical technologies. He has supervised more than 50 Master's theses and served as an external examiner for over 60 theses nationally and internationally. He played a key role in developing curricula for undergraduate and graduate courses in Computer Engineering and pioneered modern teaching methods incorporating simulation, virtual reality, and Android applications, particularly during the shift to e-learning amid the COVID-19 pandemic.

His impact extends to the community through pioneering initiatives to develop smart applications for special groups, including children with autism, Alzheimer's patients, individuals with visual and motor impairments, and people with psychological disorders—reflecting his deep commitment to social responsibility. He also voluntarily contributed to the development of systems for accrediting non-Jordanian higher education institutions at the Ministry of Higher Education, as part of reform efforts reflecting his progressive vision.

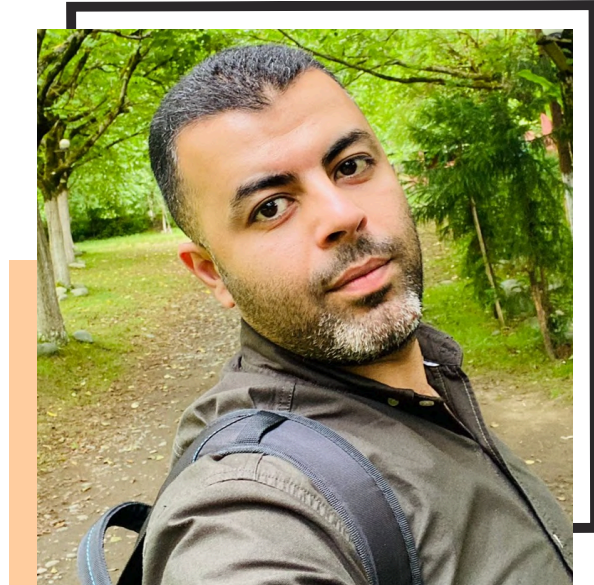
Dr. Al-Darabkeh is an active member of the editorial boards of numerous leading international journals indexed in Scopus and Clarivate, and he is affiliated with prestigious international academic honor societies such as Eta Kappa Nu, Tau Beta Pi, Phi Kappa Phi, and Sigma Xi. His name has appeared in Marquis Who's Who in Science and Engineering, the list of Leading Scholars in Higher Engineering Education, and the International Biographical Centre's lists of globally distinguished scientists compiled by the University of Cambridge, including the list of the Top 2000 Outstanding Scientists Worldwide.

He regularly serves on technical committees of top-ranked international conferences in wired/wireless networks, IoT, and multimedia transmission. Additionally, Professor Al-Darabkeh holds international certifications in Java programming from Sun Microsystems and database management from Oracle Corporation (USA). Notably, he became the first internationally certified Oracle Java Developer trainer in Jordan, accredited by Oracle Corporation.

JAWAD LABABNEH

*Senior Technical Product Manager –
Computer & Embedded Systems Engineer*

Jawad Lababneh is a seasoned computer engineer and Senior Technical Product Manager with over 13 years of progressive experience driving technology transformation across product and project management domains. Known for his ability to align business goals with robust technical solutions, Jawad has successfully led cross-functional teams in delivering high-impact digital products, particularly within the software and R&D sectors.



Currently based in Jordan and working with T2 - Business Research & Development, Jawad plays a pivotal role in translating complex business requirements into scalable, data-driven technology solutions. His responsibilities span strategic roadmap planning, agile sprint execution, stakeholder alignment, and full lifecycle product delivery. His expertise bridges the gap between marketing, business, and engineering, ensuring customer-centric innovations that are both technically sound and market-ready.

Jawad's journey began in systems engineering and operations, where he gained hands-on experience in service delivery and infrastructure management. This solid foundation laid the groundwork for his shift into project and product leadership roles, where he has since spearheaded large-scale initiatives, optimized operational processes, and mentored high-performing teams.

He holds a Master's degree in Computer Engineering with a specialization in Embedded Systems, and a Bachelor's in Computer Engineering, both from Yarmouk University. His professional toolkit includes proficiency in server and database management, agile methodologies, Drupal CMS, and customer engagement across diverse regional markets including the GCC and North Africa.

With a reputation for persistence, strategic thinking, and effective communication, Jawad is passionate about building technology that not only meets but anticipates user needs. He remains committed to continuous learning, innovation, and fostering collaborative environments where people and products thrive.

- Bachelor degree (2006 - 2011)
- Master degree (2017 - 2022)

SAEED MUSABEH

*Cloud Solution Architect & AI
Infrastructure Engineer at NEOM*

Eng. Saeed Musabbih, a distinguished graduate of Yarmouk University's Hijawi Faculty for Engineering, holds a Bachelor's degree in Computer Engineering. With more than eight years of professional experience, he specializes in AI and cloud infrastructure, hybrid cloud strategy, and enterprise IT modernization.



Saeed currently serves as a Cloud Solution Architect and AI Infrastructure Engineer, contributing to transformative initiatives at NEOM. His work integrates Nutanix, Huawei Cloud Stack, and NVIDIA SuperPod to deliver hybrid and AI-driven infrastructures that empower large-scale data and AI platforms. He has successfully executed the 1st AI Supercomputer for AI in Saudi Arabia and streamlined enterprise operations through automation and reliability engineering.

During his career, Saeed has built AI Cloud roadmaps covering compute, storage, networking, and security with clear operating models, designed managed infrastructure services, and established SLA/OLA frameworks linked to measurable outcomes. He also played a central role in enhancing connectivity and security across multi-region environments while supporting teams in complex cloud and network migrations.

Saeed also holds multiple professional certifications that strengthen his expertise in cloud, systems, and infrastructure from different providers, Kubernetes(CKA),Nutanix(NCP),Huawei Cloud, Red Hat (RHCSA), VMware (VCP-DCV), Commvault, Acronis, etc.

Driven by a passion for building next-generation cloud ecosystems and advancing intelligent infrastructure, Saeed continues to shape the future of hybrid cloud and AI services in the region and beyond.

TAREQ GHAITH

Telecommunications Engineering Expert | 4G/5G System Performance Specialist

Tareq Farhat Ghaith is a highly accomplished and forward-thinking telecommunications engineer with extensive experience in small cell technologies, system performance engineering, and live network deployments. With over 18 years of professional experience across industry-leading companies in the United States, Tareq has developed a solid reputation for technical excellence, innovation, and leadership in the field of wireless communication systems—specifically in LTE (4G) and NR (5G).



Currently serving as a Manager System Performance Engineer at CommScope LLC in Lowell, Massachusetts, Tareq leads high-performing teams responsible for the characterization, benchmarking, and optimization of advanced small cell solutions. His work ensures that wireless infrastructure solutions meet rigorous performance and reliability standards under real-world conditions.

Expertise and Technical Strength

Tareq brings a comprehensive understanding of wireless technologies and protocols, including:

- Small Cell Deployment and Optimization (LTE / NR)
- Protocol Expertise: LTE, NR, IPSEC, IP, SIP
- System Characterization & Performance Measurement
- Live Network Verification and Product Introduction
- Integration Testing and Quality Assurance

Through these areas, he has contributed to the end-to-end lifecycle of telecom products—from early validation to commercial deployment—bridging engineering development with customer network readiness.

Academic Excellence

Tareq's engineering journey began with a strong academic foundation. He holds a Master of Science in Electrical Engineering from North Carolina State University, where he graduated in 2006 with a perfect GPA of 4.00/4.00. His graduate studies emphasized wireless communication systems, digital signal processing, and network security—core areas that would later define his professional focus. Earlier, he earned a Bachelor's degree in Telecommunication Engineering from Yarmouk University in Jordan, graduating with an excellent academic record (88.7% average) in 2003. His academic achievements reflect not only technical competence but a consistent dedication to excellence.

Professional Journey

CommScope LLC (2015–2025) – Lowell, MA, USA

At CommScope, Tareq advanced from Principal System Performance Engineer to Manager, playing a critical role in product performance strategy for 4G and 5G small cell solutions. As Manager System Performance Engineer (since 2022), he leads performance engineering teams tasked with developing, analyzing, and validating the end-to-end behavior of complex wireless systems under diverse deployment scenarios.

From 2015 to 2022, as Principal System Performance Engineer, he was instrumental in assessing product KPIs, troubleshooting performance issues, and collaborating with cross-functional teams to align performance targets with industry standards and customer expectations.

Airvana Inc. (2007–2015) – Chelmsford, MA, USA

Tareq's early career at Airvana laid the foundation for his deep technical expertise in wireless systems:

- Principal NPI Engineer (2013–2015): Led the introduction of new wireless products into customer environments, ensuring robust integration and seamless functionality.
- Principal System LNV Engineer (2011–2013): Focused on Live Network Verification, performing field testing and validation to ensure network readiness and feature reliability.
- Senior SIT Engineer (2007–2011): Specialized in Software Integration Testing, where he validated complex software stacks for wireless equipment.
- SQA Engineer (2007): Contributed to initial quality assurance efforts for early product builds.

Throughout his tenure at Airvana, Tareq consistently delivered reliable results under pressure, contributing to the success of multiple small cell product lines.

Vision and Forward Outlook

Tareq Farhat Ghaith continues to be a driving force in the development of next-generation wireless infrastructure. As 5G networks expand globally and new technologies like Open RAN, private networks, and edge computing become more prevalent, his skillset and experience position him as a key contributor to the future of mobile connectivity.

With a rare combination of technical depth, real-world deployment experience, and leadership capability, Tareq exemplifies the type of engineering professional who not only adapts to change — but helps define it.

MOHAMMAD OBEIDAT

Senior Radio Optimization Engineer | Business Intelligence Specialist

Mohammad Obeidat is an experienced Business Intelligence and Telecom Data Analyst based in Amman, Jordan, with over seven years of expertise in Power BI dashboard development, data automation, and reporting systems across telecom domains. He specializes in building end-to-end BI systems, automating data pipelines, and delivering strategic insights for executive decision-making.



He currently leads the internal AI Community at Umniah, promoting innovation, knowledge sharing, and the adoption of data science solutions in business operations.

Obeidat began his career in 2015 as a Sales Engineer at The BlueZone Jordan, where he promoted technical products, maintained customer relations, and supported sales operations with client-specific reporting and data tracking tools. In 2016, he joined Umniah Mobile Company as a Senior Radio Optimization Engineer and BI Specialist. In this role, he has led Power BI initiatives, developed automated reporting suites using Excel VBA and Power BI, and created real-time executive dashboards integrated with ENIQ and PRS data to enable faster data-driven decisions.

He has also coordinated the internal AI Community, piloting machine learning use cases, mentoring teams, and automating recurring reporting tasks. He contributed to the 5G rollout and swap projects by integrating performance analytics and visualization tools and regularly collaborates with IT, engineering, and commercial teams to align reporting strategies with business goals.

Obeidat holds a Bachelor's degree in Telecommunication Engineering from Yarmouk University – Hijawi Faculty of Engineering. He is pursuing Microsoft Certified: Power BI Data Analyst Associate and is an aspiring PMP candidate. His certifications also include CCNA Routing & Switching, CompTIA Security+, Python for Data Analysis, and 5G/4G/3G Radio Optimization.

His technical skills include Power BI, DAX, Excel (Macros, PivotTables, VBA), SQL, ENIQ, Nemo, PRS, Tableau, Actix, Genex, TEMS, Microsoft Office, Mentum Planet, MapInfo, and Canva. He is fluent in English and Arabic. His leadership and soft skills encompass AI community leadership, strategic communication, team collaboration, stakeholder reporting, critical thinking, innovation in BI, time and project management, and data quality assurance.

YAZAN IBDAH

*Senior Telecommunication Professional |
Wireless Systems Expert*

Yazan Ibdah received the M.Eng. degree in electrical engineering from Stevens Institute of Technology, Hoboken, NJ, USA, in 2005 and the Ph.D. degree in electrical engineering from Wichita State University, Wichita, KS, USA, in 2013. His current research interests include mobile communications and channel modeling.



A principal telecommunication professional with 20+ years' experience. Having dedicated more than 3 years to academic research and over 17 years to the planning, design, performance, and optimization of wireless systems.

I have worked for 3 operators in the USA: T-Mobile, AT&T, and Sprint, employing vendors such as Ericsson, Nokia, Samsung, Alcatel-Lucent, Nortel, and Motorola.

Moreover, I have accumulated over 7 years of experience with stc Company in Riyadh, KSA. I have a wealth of experience in managing and leading teams that include a variety of technical and international backgrounds. Additionally, I am proficient in converting intricate technical concepts into clear and understandable language for non-technical audiences.

YUSEF MOSA ATROUZ

Broadcast Manager at Es'hailsat – Qatar Satellite Company.

Eng. Yusef Mosa Atrouz holds a bachelor's degree in Telecommunications Engineering from Yarmouk University, awarded in February 2003, and a master's degree in the same field from Mu'tah University in 2007. His career began as a Telecommunications Engineer at Global Communication Technology Company, where he gained three years of hands-on experience in the

installation of exchanges, intercoms, and fax machines, along with responsibilities in programming, maintenance, and customer support. He then joined Jordan Media City as a Teleport Team Leader Engineer, spending over seven years managing the operation and maintenance of satellite transmission systems.

His role involved ensuring the smooth operation of compression systems including Ericsson, Tandberg, Harmonic, and Thomson. He became proficient in broadcast standards and waveform measurements such as SDI, ASI, MPEG-2/4, and Dolby technologies. He was also responsible for proactive monitoring of transport streams and all satellite uplink/downlink activities.

Following this, he served as a Senior System Engineer at Al Jazeera Media Network for five years, supporting Ericsson compression platforms, as well as AJMN and beIN platforms. He managed the full DVB compression system lifecycle—from installation and configuration to operation and maintenance. His responsibilities included monitoring MPEG streams (MPTS/SPTS), administering software updates, ensuring system integrity, reviewing technical documentation, and coordinating with vendors, RF teams, and Conditional Access teams.

Since 2019, he has been serving as Broadcast Manager at Es'hailsat – Qatar Satellite Company. In this leadership role, he is responsible for planning, directing, and overseeing broadcast operations. He leads the broadcast team to deliver high service availability, while continuously enhancing design, project execution, system support, and problem-solving capabilities. He remains committed to driving improvements and achieving the strategic goals of the broadcast department.



ASSEM ABU HAJAR

*Telecom Project Manager – Haramain
& National Sites*

Eng. Assem Abu hajar has been working at Saudi Telecom (stc) since 2013, specializing in Indoor Coverage (IBS). As a Senior Project Manager, he is responsible for stc indoor coverage services in many regions of Saudi Arabia and has had the honor of managing indoor projects in the Haramain (Makkah and Madinah) as part of the Hajj & Umra program, specifically the indoor coverage of the Haramain itself and the Mashaer areas (Arafat, Muzdalifah, and Mina).



Although he is responsible for design and implementation in various other regions in Saudi Arabia such as Assir, Baha, Taif, and Yanbu, his most notable work remains the Haramain in Makkah and Madinah.

He has achieved many accomplishments throughout his career, with the most important including the Makkah Haram buildings, Jamarat buildings, and the “King Abdulaziz Endowment Project,” which includes the Clock Tower along with six other towers, the podium, and many other sites.

MOHAMMAD ALMALKAWI

*Senior Staff Manager at Qualcomm | RF
Package Modeling & Design*

Mohammad J. Almalkawi, Ph.D., is an accomplished RF/microwave engineer with a strong foundation in academic research and a proven track record of leadership in industry innovation. He began his academic journey at Yarmouk University in Jordan, earning a B.Sc. in Telecommunications Engineering, followed by an M.Sc. in Electrical Engineering from the South Dakota School of Mines & Technology, where he focused on the development of single- and multi-band microwave filters. He went on to complete his Ph.D. in Electrical Engineering and Computer Science at the University of Toledo, specializing in computer-aided design of microwave front-end components and ultrawideband antennas.



After a postdoctoral fellowship at the University of Toledo, Dr. Almalkawi contributed to cutting-edge electro-acoustic-wave filter R&D at Qorvo and Skyworks Solutions. In these roles, he led cross-functional design teams and contributed to the automation of RF design workflows supporting the development of advanced 4G LTE and 5G NR front-end modules.

Since June 2022, he has been a Senior Staff Manager at Qualcomm, where he leads RF package modeling strategy, standardizes design methodologies, and delivers high-performance transceiver modules for mobile, infrastructure, and IoT applications.

Dr. Almalkawi is a Senior Member of the IEEE and has been recognized with numerous academic and industry awards. His technical contributions span several patents, peer-reviewed journal articles, and a technical book published by the Institution of Engineering and Technology (IET) on RF and microwave module-level design and integration.

KHALID ABEDRABO

*Senior Broadcast IT Engineer at AL
Rayyan TV*

Khalid Abedrabo is a Senior Broadcast IT Engineer with over a decade of hands-on experience in the broadcast and media industry. He holds a Bachelor's degree in Telecommunication Engineering from Yarmouk University, graduating with a "Very Good" standing. Since 2014, he has played a key role at AL Rayyan TV in Doha, where he is responsible for supporting, maintaining, and optimizing critical broadcast and IT systems across two TV channels.



His technical expertise spans a wide range of platforms including transmission protocols, IP-based broadcast systems, automation tools, uplink systems, and network infrastructure.

Earlier in his career, he held engineering roles at Jasco Media City, Dejala TV, and A1 Jordan TV, gaining extensive experience with satellite uplink systems, encoding platforms, and playout automation systems.

Throughout his journey, he has continuously expanded his knowledge by earning certifications such as Microsoft Certified Systems Administrator (MCSA) and Azure AI, demonstrating strong troubleshooting skills and system administration capabilities.

His professional foundation was laid through the knowledge and mentorship provided by professors at the Hijjawi Faculty for Engineering and Technology.

SAWSAN AL-RQIBAT

Telecommunications Engineer, Network & Security Specialist, Cisco & Microsoft Certified, Team Leader

Eng. Sawsan Al-rqibat is a motivated telecommunications engineer with a solid foundation in networking, cybersecurity, and team leadership, backed by more than six years of hands-on experience in the telecom and IT sectors. She graduated in 2017 from the Hijjawi Faculty for Engineering Technology at Yarmouk University with a Very Good academic standing.



After earning her CCNA Routing and Switching certification, she began her career journey by joining the ESA and WSA team at Estarta in July 2019. Shortly after, in September 2019, she joined Zajil Telecom as a NOC Engineer, where she was responsible for network operations, troubleshooting, and monitoring mission-critical systems.

Driven by continuous improvement, she obtained several key certifications during her time at Zajil Telecom:

- CCNA Security.
- Implementing Cisco Enterprise Network Core Technologies.
- Cisco Certified Specialist – Enterprise Advanced Infrastructure Implementation.
- Cisco Certified Network Professional (CCNP) Enterprise.
- Microsoft Certified Solutions Associate (MCSA) – obtained in June 2025 to expand her expertise in the broader IT domain.

Between September 2024 and January 2025, she took on additional responsibilities as a Level 1 SOC Engineer, gaining experience in cybersecurity operations and incident response.

In recognition of her dedication and performance, she was honored with Employee of the Year – 2024 and was later promoted to lead the Telesales Team as Team Leader, showcasing her ability to manage and motivate teams, bridge technical and non-technical functions, and contribute strategically to business success.

With a strong technical background, excellent problem-solving skills, and leadership experience, she continues to pursue opportunities that allow her to grow professionally and make impactful contributions.

MOHAMMAD DAQAMSEH

Senior Project Engineer

Eng. Mohammad Daqamseh is project Engineer with over 9 years of experience in construction and project management. He began his career in site supervision and quality control before advancing to work with one of the largest companies in Jordan specializing in life support services and professional camp construction. In his current role as a Projects Engineer, Mohammad oversees full-scope projects from initial pricing and tendering through design, execution, and final handover.



He has led multidisciplinary teams and coordinated with high-profile clients to deliver turnkey solutions for fully equipped camps. He also played a key role in establishing and managing the first privately operated concrete batch plants in Jordan tailored for specialized projects, ensuring strict compliance with NRMCA and ACI standards.

His core competencies include design review, BOQ preparation, quality control, cost and resource management, and stakeholder coordination.

ATEF AL-REFAI

Senior Structural Engineering Specialist

Atef Al-Refai is a civil engineer who holds his Bachelor's degree in Civil Engineering from Yarmouk University in Irbid, Jordan, between 2011 and 2016. Since 2016, he has been working at the Royal Scientific Society (RSS) in Amman, Jordan, as a Senior Specialist in the Building Research Centre. In this role, he leads and coordinates technical structural assessments and repair designs for strategic government and educational facilities, including ministries, universities, and schools.



He supervises both destructive and non-destructive testing performed by specialist technologists to evaluate structural conditions.

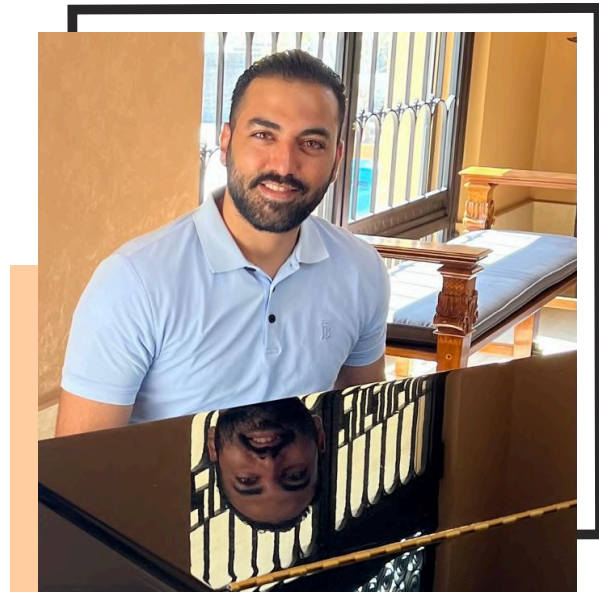
He performs advanced structural analyses using ETABS, SAFE, SAP2000, and Prokon to identify deficiencies and develop feasible repair strategies. He prepares architectural and structural drawings reflecting existing conditions, detailing reinforcement plans, and updating as-built information. He also compiles tender-ready documentation, including quantities, specifications, pricing, and detailed repair drawings and guidelines.

Eng. Atef serves as the primary liaison between the Royal Scientific Society and the Ministry of Education, ensuring smooth coordination and timely project delivery. He prepares and delivers technical reports and presentations to stakeholders, including project summaries and risk mitigation strategies.

HAZIM OWEIS

*Senior License and Software Consultant
for Middle East and North Africa at
Autodesk*

Hazim Marwan Oweis (Civil Engineering Class of 2017), He grew up in Irbid, Jordan, and his early life was deeply interwoven with Yarmouk University. His mother, an instructor at the university, significantly influenced his formative years. He attended the Yarmouk University Model School and lived within the university's staff compound. This unique environment cultivated his passion for education and led him to enroll in the Al Hijjawi Faculty for Engineering Technology.



Initially, in 2011, he began his studies in Power Engineering, but after 1.5 years, he transitioned to Civil Engineering and became part of the very first class in the newly established faculty in 2012. This shift marked a significant challenge and turning point in his educational journey.

His professional career took off two months after graduation when he moved to the UAE to work as a Site Engineer for Becon Construction & Contracting Company. During this period, he obtained Dubai Trakhees certifications and had the opportunity to work on several large-scale projects. One of the most significant challenges he faced was being the only Arabic-speaking engineer on a project where most of his colleagues spoke Hindi. He overcame this by learning Hindi, which facilitated his promotion to Project Engineer. After two years in this role, he sought new experiences through training with Russian and Sri Lankan experts in wooden structures. This led to his position at Newcastle for Wooden Construction as a Project Manager for another two years.

Returning to Jordan marked a pivotal moment in his career as he joined Autodesk, the world's leading engineering software company, in 2021. He holds the distinction of being the only alumnus from the Al Hijjawi Faculty for Engineering & Technology among over 15,000 employees. As a Sr. License and Software Consultant for the Middle East and North Africa, he works closely with various engineering firms to support them in achieving their Autodesk software goals. His efforts have been recognized with numerous accolades, including three out of three Outstanding Performance Awards, the Global Outstanding Award in 2024, and the Autodesk Diamond Club recognition in Costa Rica in 2025, distinguishing him among the top 3% of performers globally.

Reflecting on his journey, his advice to current students and fresh graduates is to embrace every challenge as an opportunity for growth. Language barriers, career transitions, and new cultural experiences have all contributed to his professional and personal development. Persistence, adaptability, and the willingness to step out of one's comfort zone are vital. Above all, he encourages them to continually learn and seize every opportunity that comes their way.

AMMAR MASHRAQY

*Head of Public Works and Engineering
Services Department – Municipality*

Eng. Ammar Mashraqy is a 2016 graduate of the Civil Engineering Department at the Hijawi Faculty of Engineering Technology – Yarmouk University. He currently serves as Head of the Public Works and Engineering Services Department at a local municipality, where he oversees infrastructure development and technical projects. Ammar holds a Master's degree in Arbitration and Construction

Contracts, and is a certified member of the Chartered Institute of Arbitrators (CI Arb – UK), demonstrating his professional competence in legal and contractual matters related to engineering.



Beyond his public sector role, Ammar is a young entrepreneur and founder of:

- An electric vehicle charging company
- A licensed construction and asphalt mix contracting company

With his diverse experience across public service, arbitration, and engineering entrepreneurship, Ammar represents a dynamic model of modern Jordanian engineers.

LAITH QASEM QARAWI

Founder & General Manager – Andad Contracting Company

Eng. Laith Qarawi, born in 1993 in Ramtha, Jordan, earned his bachelor's degree in Civil Engineering – Construction Management from Yarmouk University – Hijawi Faculty of Engineering Technology in 2017. Shortly after graduation, Laith founded Rakeen Contracting Company, where he served as Executive Manager from 2018 to 2019. In 2020, he established his second venture, Andad Contracting Company, which quickly became a leading name in construction in northern Jordan.



Andad has implemented numerous high-quality projects across both public and private sectors, playing a vital role in shaping the architectural landscape in northern Jordan through innovative design and professional execution.

The company has also made a significant social impact by creating employment opportunities for engineers and technicians across the region. Laith represents the spirit of entrepreneurial engineering, combining academic excellence with practical

MOHAMMAD KHREIS

*Head of Engineering Department –
Spantech International*

Dr. Mohammad Khreis is a structural engineer with a Ph.D. in Structural Engineering and over seven years of experience in steel and aluminum structures, modular systems, and temporary architecture. He currently leads the Engineering Department at Spantech International, where he oversees the design and delivery of modular and innovative structural systems across Europe and globally.



Dr. Khreis earned both his Ph.D. and M.Sc. in Structural Engineering from the University of Pécs, Hungary, graduating summa cum laude under the prestigious Stipendium Hungaricum Scholarship. His doctoral research focused on the effects of climate change on the mechanical behavior of heritage timber structures.

He holds a B.Sc. in Civil Engineering and Construction Management from Yarmouk University – Hijjawi Faculty of Engineering Technology. His technical expertise includes Eurocode-compliant structural design, finite element modeling (FEA)

SORA AL-OMARI

*Senior Technical Specialist | Building
Codes Division at Royal Scientific Society*

Eng. Sura Al-Omari is a distinguished graduate of the first cohort of the Civil Engineering – Construction Management program at Hijjawi Faculty of Engineering Technology, Yarmouk University, graduating with honors and an excellent GPA in 2016.

Since graduation, she has been serving at the Royal Scientific Society as a Senior Specialist in the Building Codes Division, where she has led and managed the preparation and revision of the Jordanian National Building Codes for over nine years.

Her role has provided her with extensive interdisciplinary experience, spanning structural, architectural, mechanical, and electrical engineering, significantly enriching her contribution to Jordan's built environment.

She has served as committee rapporteur for several major codes, including:

- Acoustics Code
- Site Survey Code
- General Safety Code in Construction
- Green Hospitals Code
- Thermal Insulation Code and its Guideline
- Energy-Efficient Buildings Code and Guideline

She also actively participates in technical committees of the National Building Council (Ministry of Public Works and Housing), allowing her to engage with key stakeholders from both public and private sectors. In addition, Sura has developed strong expertise in:

- Green Building evaluation using the Jordanian Green Building Guide
- Quality Management and Risk Management per ISO 9001 standards, through extensive professional training

Sura exemplifies a dedicated engineer whose technical leadership and cross-sector collaboration help shape a safer, more sustainable, and code-compliant future for Jordan's infrastructure.

MOHAMMAD BANI MERIE

*Civil engineer | Concrete technology
Specialist*

Mohammad Hashem is a civil engineer specializing in concrete technology and durability. He earned his Master's in Civil Engineering from Oklahoma State University in 2024 and his Bachelor's from Yarmouk University in 2020. As an undergraduate, he was a founding member and Vice President of the ACI-YU Student Chapter, where he gained early leadership experience and shaped his passion for student engagement.



He later worked as a research assistant at Yarmouk University, where he contributed to concrete materials research. In 2022, he began graduate studies at Oklahoma State University, focusing on concrete mix design, shrinkage behavior, and advanced materials testing.

Upon earning his M.Sc., Mohammad joined Tourney Consulting Group, a top-tier firm in concrete durability and materials diagnostics. As a Research Engineer, he works on laboratory testing, structural evaluations, and consulting projects across the U.S.

Beyond engineering, Mohammad is committed to student empowerment. He serves as Director of the Student Assistant Center at JANA, supporting Jordanian students in the U.S. with education planning, visa guidance, and career development.

MAI SHAKHATREH

*Civil Engineer | Contract
Administration Specialist*

Mai Shakhathreh is a Civil Engineer with nine years of hands-on experience in contract administration, claims management, project planning, and site supervision. She has worked across infrastructure and building projects, in both consultancy and contracting roles, bringing value through her precision, coordination abilities, and contractual expertise.



Her professional focus includes quantity surveying, drawing reviews, and site inspections, making her a vital link between construction execution and contract compliance. She has been recognized as a technical expert by arbitration tribunals in Jordan, highlighting her dual strength in engineering and legal aspects of the construction industry.

Currently, Mai serves as a Contractual Consultant on national and international projects. She holds a Bachelor's degree in Civil Engineering in 2016 and is pursuing a Master's in Arbitration in Construction Contracts, aiming to further specialize in dispute resolution and contract law.

TAMBY ALASKER

Managing Director – AMEA

Eng. Tamby Alasker started gaining work experience at the age of 19, even before he finished his Electronics Engineering degree from Yarmouk University. Those early jobs taught him a strong work ethic and how to manage his time well. After graduation, he joined Emirates Computers in Dubai as a Customer Support Engineer as his first professional role. This gave him a strong base and background in technology and customer service.



He then spent over a decade at Barco, a market leader in manufacturing AV solutions, where he moved from a support role to a sales manager focusing on mission-critical and control room solutions.

In every position, his main goal was to build great relationships with clients and grow the business by understanding in depth their technical needs and the organization vision and mission.

As the Managing Director for G&D, his job is to create and carry out plans to expand the company and increase growth in the Middle East, India region, and Africa.

His work is inspired by his family, starting with his parents who gave him the opportunity to strengthen his background with a valuable degree in Electronics Engineering from Yarmouk University, a well-reputed faculty “Hijawi Faculty”. His wife and their two sons are his biggest motivation, the core of his dedication to leading with integrity and purpose.

YAZEED M. ALSHORMAN

Firmware Design Team Lead – Smart Charging Technology

Yazeed M. Alshorman is an accomplished Electronics Engineer and proud graduate of Yarmouk University's Hijjawi Faculty for Engineering Technology, where he earned his bachelor's degree in Electronics Engineering in 2019. With over five years of specialized experience in embedded systems, high-frequency PCB design, and AI integration, he has played a key role in developing innovative technologies across the energy and robotics sectors.



Currently, Yazeed leads the Firmware Design Team at Smart Charging Technology in Amman. The company, headquartered in the United States, focuses on developing advanced smart energy and power management solutions.

In this role, Yazeed architects and develops fault-tolerant embedded firmware, manages the firmware development lifecycle, and coordinates cross-functional engineering efforts to deliver reliable and scalable products for global deployment. Previously, Yazeed served as a Technical Lead at MARS Robotics (EDGE Group), where he led R&D efforts on unmanned aerial systems, including the design and integration of high-resolution imaging systems, advanced control units, and embedded avionics.

He was responsible for overseeing engineering teams, managing technical roadmaps, and ensuring compliance with industry standards in safety, EMI/EMC design, and performance. Yazeed also brings expertise in machine learning and AI deployment, having worked on intelligent vision systems and real-time data processing for embedded platforms. His community involvement includes being part of Google Developer Group (GDG) Amman, where he contributed to organizing technical events and delivering hands-on workshops focused on machine learning, Google Cloud tools, and scalable AI model deployment.

MALEEKA ZAKARNEH

*Founder & CEO – Jadara Electronics
and Vocational Academy*

In 2000, Maleeka Zakarneh graduated from Yarmouk University with a BSc in Electronics Engineering, specializing in electronic systems and medical equipment. While many of her peers pursued traditional paths, Maleeka envisioned something different—something that would bridge the gap between theory and hands-on learning in the Arab world.



With a bold spirit and no team but herself, she founded Jadara Electronics in 2006. What started as a one-woman operation in Sahab's industrial zone has now become Jordan's first and only factory dedicated to manufacturing engineering and vocational training equipment for universities, technical colleges, and vocational schools.

Over the years, Maleeka built not just a business, but a purpose-driven ecosystem. Today, Jadara Electronics employs 16 skilled professionals and operates under the highest standards. The company has also expanded its services as a licensed solar systems contractor (License A) under Jordan's Energy and Minerals Regulatory Commission—contributing to a greener future while empowering the local market with clean energy solutions.

But Maleeka's vision didn't stop at manufacturing. She established a certified vocational academy, accredited by the TVET Council in Jordan, to train the next generation of engineers, technicians, and educators—especially those who are often left behind by traditional systems.

Beyond her business achievements, Maleeka is an active member of several global and regional networks. She is a proud member of BPWA and UN Women, and a distinguished alumna of both the SHE Entrepreneur program and Vital Voices, where she continues to advocate for women's empowerment and leadership in non-traditional industries.

From a young engineer with a dream to a recognized changemaker in education, energy, and entrepreneurship—Maleeka Zakarneh's journey is one of resilience, impact, and unstoppable purpose.

MOATH ALOMARI

*Chief Executive Officer (CEO) – Algo
Systems Qatar*

Moath Mohammad AlOmari, FCIHT, MITE, PMP, PBA, ACP, RMP, Prince2, P3O, ITIL, CCNA, is a highly accomplished executive with 18 years of progressive leadership in critical infrastructure, advanced electronics, and technology sectors. His career is distinguished by a proven ability to strategically design, develop, and meticulously oversee multi-million-dollar projects.



He possesses profound technical acumen, excelling in managing the entire project lifecycle — from strategic conceptualization to precise cost control and optimized operational performance.

He consistently champions innovation, integrating cutting-edge technologies such as Artificial Intelligence (AI), Cybersecurity, and the Internet of Things (IoT) to build resilient, compliant, and intelligent systems in dynamic environments.

His leadership is further enhanced by a robust and continuous educational foundation, complemented by a comprehensive suite of advanced certifications and global organizational memberships, refined to meet the demands of a rapidly evolving global landscape.

Moath's professional journey began between 2008 and 2011 at Al Nasr International Company in the UAE, where he progressed from Traffic Signal Project Engineer to Project Manager, managing the full implementation, maintenance, and operation of traffic signal systems for the city of Al Ain. He then refined his expertise at Traffic Tech (Gulf) in 2011–2012 as a Traffic Signals Project Engineer, focusing on project management, installation supervision, and cost estimation. From 2012 to 2017, he served as Tendering/Bids Manager & Traffic Signals/ITS Projects Director at Bond Traffic Solutions, UAE, where he managed sales, tendering, and contracts, including contributions to a \$25M VMS Traffic Control System in Abu Dhabi.

Between 2017 and 2024, at ITS Qatar, he directed the Traffic Signal Department and ITS Projects, overseeing a team of over 350 staff and a portfolio exceeding USD 250 million, delivering more than 500 signalized intersections and over 200 Red-Light/Speed Violation Systems. In 2024, he became Chief Executive Officer (CEO) of Algo Systems Qatar, leading advanced Traffic Signals, ITS, Parking, Security, and Cybersecurity solutions, spearheading innovation, market expansion, and AI/IoT integration.

His academic path began with a BSc in Electronics Engineering Technology from Yarmouk University (2002–2008). He expanded his expertise with specialized programs at the Massachusetts Institute of Technology (MIT) in 2018 and pursued a dual master's degree—an MBA from Delaware International University (2023) and a Master in Cyber Security from Liverpool John Moores University (2024), with a dissertation on securing IoT infrastructure in smart cities using AI techniques. His professional credentials include PMP®, PMI-PBA®, PMI-ACP®, PMI-RMP®, PRINCE2®, P3O®, ITIL®, and CCNA®, alongside bilingual proficiency in Arabic and English. Moath's career reflects consistent growth, from foundational engineering to visionary leadership, with plans to pursue a PhD and shape the future of critical infrastructure globally.

HUSSEIN ALMOHAMMAD

*Supervisor of Diagnostics Team – SESAME
Synchrotron Light Source*

Eng. Hussein reflects on a professional journey that began after graduating with a BSc in Electronic Engineering from Yarmouk University in 2011. From an early age, he was driven by a deep passion for innovation, electronics, and the application of advanced technologies in research environments.




This passion led him to join SESAME (Synchrotron-light for Experimental Science and Applications in the Middle East)—the first major international research center in the region—even before receiving his graduation certificate. Since then, he has built his entire career in this field.

SESAME is an advanced particle accelerator and research facility located in Jordan. It operates a synchrotron light source, a type of circular accelerator that produces extremely bright beams of light—from infrared to hard X-rays—by accelerating electrons to near the speed of light and bending their path using magnets. This light is used by scientists in various disciplines—physics, chemistry, biology, materials science, and environmental studies—to explore the structure and properties of matter at the atomic and molecular levels. SESAME is the first facility of its kind in the Middle East and promotes scientific excellence, collaboration, and peace among researchers from across the region.

Since joining SESAME in 2011 as a Diagnostics Engineer, he has worked extensively on designing, developing, and commissioning diagnostic systems essential for particle accelerator operation. This unique work merges accelerator physics with high-precision, ultra-fast electronics and RF systems. His responsibilities have included beam position monitoring (BPMs), synchrotron radiation diagnostics, beam current transformers, beam loss monitors, and advanced instrumentation electronics. He contributed to both the Booster and Storage Ring commissioning phases—two major milestones in SESAME's history.

In 2015, he was promoted to Supervisor Diagnostics Engineer, gaining broader responsibilities and becoming a regional reference in accelerator diagnostics. This role allowed him to train colleagues, mentor university students, and engage in international collaborations with other synchrotron facilities alongside being the first diagnostics engineer in the region.

In 2018, he was appointed Supervisor of the Diagnostics Team (Team Head). Leading an exceptional group of engineers and scientists, his focus has been on maintaining system reliability, encouraging innovation in diagnostics, and integrating new technologies to support frontier research by users from around the world. Under his leadership, the team has continuously improved system performance, enabling precise, stable beam operation for advanced experiments. His field demands constant engagement with cutting-edge technologies, including FPGA, microcontrollers, advanced PCB design, RF systems, high-end advanced instrumentation, and complex electronic systems—all contributing to sub-micron precision measurements, such as determining beam position and size at the sub-micrometer scale with fast acquisition systems.



His professional development has been enriched through international fellowships and training at world-class research centers such as Diamond Light Source (UK), ALBA Synchrotron (Spain), CERN (Switzerland), and SSRF (China). These experiences have significantly enhanced his technical capabilities and global collaboration skills.

He has also contributed to the broader scientific community through multiple publications and presentations at renowned conferences including IBIC, IPAC, and MEDSI, in addition to leading workshops in the field. Looking back, his career reflects a strong commitment to lifelong learning, self-development, and dedication to advancing scientific research and instrumentation. He remains deeply grateful to his university, colleagues, and mentors for their ongoing support and inspiration throughout this journey.

JAFAR MOHEIDAT

*Flight Control and Avionics Systems
Engineer – ADASI*

Eng. Jafar Moheidat is a graduate of the Department of Electronics Engineering – Hijjawi Faculty of Engineering Technology, Yarmouk University (Class of 2011). During his university years, he completed three research papers, two of which were published in IEEE journals as part of his graduation project, and a third published in the Aerospace Research Center journal.



Since graduation, his professional journey has focused on developing intelligent and robotic systems, particularly in the field of unmanned aerial vehicles (UAVs). He began his career in research and development at Mars Robotics, working on the design of advanced electronic systems and autonomous control technologies. Over time, his expertise expanded to include UAV guidance and control systems, as well as complex projects that integrate software, embedded systems, and sensing technologies.

He currently works as a Flight Control and Avionics Systems Engineer at ADASI, contributing to the development of smart UAV solutions for defense and military applications. He leads a team developing a drone designed to track and intercept another drone, using advanced AI algorithms for target detection, tracking, and autonomous engagement.

He believes professional excellence is not achieved through technical knowledge alone, but through continuous learning, teamwork, and the ability to turn challenges into practical solutions. His recognition is a reflection of the foundation provided by Yarmouk University, which instilled in him both academic and professional principles that continue to guide his career.

ADNAN ALOMARI

*Founder & CEO, Al-Maqarr Engineering Company
for Renewable Energy and Energy Auditing*

Adnan Al-Omari is an electronics engineer specializing in renewable energy systems, energy auditing, and solar system maintenance since 2017. His professional journey began with two years of hands-on experience in the solar energy sector, where he gained in-depth expertise in the design, implementation, and maintenance of solar power systems.



In 2019, driven by a strong belief in the strategic and economic value of the energy transition, he established his own company — Al-Maqarr Engineering Company for Renewable Energy and Energy Auditing — guided by a clear engineering vision. The company was built on solid engineering principles and market-driven practices, enabling him to combine technical excellence with practical, real-world solutions. Al-Maqarr initially launched with a Grade C license, but through unwavering commitment to quality, performance, and professionalism, it obtained a Grade A license from the Energy and Minerals Regulatory Commission (EMRC) — the highest classification in the sector.

Beyond licensing achievements, Al-Omari and his company have actively contributed to reshaping the solar energy market in Jordan by introducing a smart and strategic approach: advising organizations to first reduce energy consumption through auditing, then proceed with solar system installation. This method allows clients to minimize both energy costs and installation expenses, resulting in smarter and more sustainable energy adoption.

As part of continuous growth, Al-Maqarr is working to upgrade its classification with the Ministry of Energy and Mineral Resources in the field of Energy Auditing, enabling service for large-scale facilities, industrial zones, and commercial buildings with advanced energy efficiency solutions. The company is also expanding capabilities in alignment with global clean energy trends.

Al-Maqarr is developing a full solution for agricultural greenhouses, integrating solar power with water pumping systems to support sustainable farming practices. Additionally, the company is exploring innovative energy storage solutions and smart energy utilization methods by utilizing available spaces in homes, commercial centers, and industrial facilities, enabling property owners to store solar energy and reuse it efficiently. To support Jordan's transition toward clean transportation, Al-Maqarr is launching EV charging stations and importing high-efficiency electric vehicle chargers, providing smart infrastructure solutions for the mobility sector.

Ongoing expansion and services include CEMP Certification to strengthen classification and expand services in the energy efficiency sector, developing EV infrastructure and importing advanced EV chargers, providing comprehensive solar maintenance services, conducting energy auditing for institutions, implementing solar-based solutions for agricultural greenhouses and water pumping systems, and innovating energy storage by utilizing rooftops and available spaces for smart consumption. Al-Omari's vision is to be a trusted partner for individuals and organizations on their journey toward sustainable energy, delivering innovative, efficient, and environmentally responsible solutions that promote energy efficiency and the adoption of alternative energy technologies.

AHMAD N. AL-OMARI

*Vice Chair of Institutional Accreditation –
Community College of Qatar (CCQ)*

Dr. Ahmad N. Al-Omari is a Full Professor, Academic Quality Consultant, and Vice Chair of the Institutional Accreditation at the Community College of Qatar (CCQ). With over two decades of experience in higher education and engineering, Dr. Al-Omari has built a distinguished career that bridges academic leadership, research excellence, and quality assurance in education.



He earned his Ph.D. in Electrical Engineering in 2006 from Colorado State University, USA, where he also completed his M.Sc. in 2002. He holds a B.Sc. in Electronics Engineering (1995) from the Hijjawi Faculty for Engineering Technology at Yarmouk University in Jordan. His doctoral research focused on high-speed vertical-cavity surface-emitting lasers (VCSELs)—a field in which he remains an active and recognized expert.

Throughout his 25-year career, Dr. Al-Omari has held multiple leadership roles in higher education. At CCQ, he has served as Dean of the Science and Technology Division and Chair of both the Engineering and Information Technology Departments. He is also the founding architect of CCQ's Engineering Technology Department, which established the college's flagship bachelor's programs in Electrical and Mechanical Engineering Technology—developed to align with national workforce priorities. Earlier in his career, he served as a cleanroom manager and postdoctoral researcher at Colorado State University and as Department Chair and faculty member at Yarmouk University.

Dr. Al-Omari is widely engaged in international academic and professional communities. He is a longstanding member of several organizations, including the Institute of Electrical and Electronics Engineers (IEEE), the IEEE Photonics Society, the IEEE Technology and Engineering Management Society, Eta Kappa Nu Honor Society, the Optical Society of America (OSA), and the Jordanian Engineers Association. He has also held memberships in the IEEE Electron Devices and Communications Societies.

He has served on the technical and scientific committees of more than 30 international conferences, contributed to the peer review of academic programs and faculty promotion files, and played advisory roles in accreditation and quality assurance across the region.

As a scholar, Dr. Al-Omari has published in peer-reviewed journals and regularly reviews manuscripts for leading international publications such as IEEE Photonics Technology Letters, IEEE Transactions on Electron Devices, OSA Optics Express, SPIE Optical Engineering, IET Optoelectronics, among others.

His work has earned him several distinctions, including a DARPA-funded research project on high-speed VCSELs, a research grant from Colorado State University, and graduate scholarships from Yarmouk University. He was awarded the Best Paper Award at the 19th International Conference on Nanoelectronics Engineering and Devices, and the Distinction in Scientific Research Award from Yarmouk University.

BASHAR AL-ZOUBI

Executive & Entrepreneur in Telecom and Technology

Bashar Al-Zoubi is a seasoned executive and entrepreneur in the telecom and technology sectors with over 15 years of strategic leadership experience. His career began at Orange, followed by a nine-year period in Sudan, where he gained international experience by leading company expansion into Algeria, Libya, and Egypt.



In 2009, he founded Smart Cell in Jordan and relocated there in 2015 to further expand operations to include Egypt, Algeria, and Saudi Arabia. Today, Smart Cell serves global giants like Zain, Orange, Umniah, Huawei, Ericsson, and Nokia across its operational countries.

He successfully scaled Smart Cell from 10 to over 460 employees, establishing it as a key regional player. He built strong strategic partnerships with major operators and diversified the company's service portfolio to include comprehensive solutions such as 5G and fiber optic infrastructure, network site installation and maintenance, steel structure fabrication, and logistics. He has managed impactful projects in Jordan, Sudan, Libya, Egypt, Saudi Arabia, Ethiopia, and Algeria.

In addition to his telecom ventures, he co-founded the eco-friendly "Darajtee" initiative in 2018 and the Uniorders pharmacy management system, which was successfully acquired. His leadership philosophy emphasizes empowering teams, delivering high-quality customer-focused solutions, and embracing continuous improvement.

Bashar Al-Zoubi holds a Bachelor's Degree in Electronics Engineering from the Hijjawi Faculty for Engineering Technology at Yarmouk University, Jordan, completed between 2001 and 2006.

YARA NADER HADDAD

Data Analyst – Electronic Health Solutions / HDA

Eng. Yara Nader Haddad (Class of 2024), a graduate of Yarmouk University with a Bachelor's degree in [Biomedical Information Engineering, has built a strong career in the field of data analytics. She is currently working at [Electronic Health Solution /HDA]. Since starting her professional journey, Yara has specialized in managing and transforming complex healthcare datasets, with

expertise spanning SQL, Power BI, and data modeling. She has played a key role in creating efficient workflows, mapping and classifying medical procedures, and building interactive dashboards that support data-driven decision-making in the healthcare sector.

Her work involves integrating data from multiple sources, designing automated reporting structures, and ensuring data accuracy for strategic use. Passionate about problem-solving and continuous learning, Yara is always seeking innovative ways to optimize processes and deliver actionable insights. She is currently advancing her skills to move into senior analytics roles, reflecting her commitment to professional growth and excellence.



RAHAF NAIM

Quality Control Specialist – Certacure

Eng. Rahaf Naim (Class of 2020), a graduate of Yarmouk University with a Bachelor's degree in Biomedical Informatics Engineering, has established herself as a rising talent in the healthcare technology and AI fields. With hands-on experience in healthcare IT systems, including PACS, HL7, and DICOM standards, Rahaf has contributed to optimizing medical imaging workflows and integrating advanced software solutions in healthcare environments.



Currently serving as a Quality Control Specialist at Certacure, Rahaf plays a key role in ensuring the accuracy, reliability, and compliance of healthcare software solutions, conducting meticulous testing and validation to uphold the highest quality standards. Her expertise extends to Python, C++, and machine learning & deep learning applications, particularly in medical image processing and natural language processing (NLP).

Rahaf's graduation project focused on personalized medicine for Keratoconus genes using AI, combining bioinformatics, data analysis, and predictive modeling to support early diagnosis and tailored treatment strategies.

Passionate about innovation, Rahaf has earned certifications in CUDA programming and NLP, enabling her to accelerate computational workflows and build intelligent solutions for complex biomedical data. She is also experienced in research and data analytics, with a strong focus on bridging the gap between medical data and actionable insights.

Driven by curiosity and commitment, Rahaf continues to explore the intersection of healthcare, artificial intelligence, and engineering, aiming to develop impactful technologies that advance patient care and precision medicine.

MUSAB AL-SHEHABAT

*Biomedical Engineer | Medical Devices
Sales, Maintenance & Technical Support*

When Eng. Musab first joined Yarmouk University to study biomedical engineering, he was excited yet unsure about what lay ahead. This field uniquely combined his passion for engineering with his desire to impact healthcare. University life challenged him beyond textbooks, teaching problem-solving, teamwork, and resilience. Every project and lab deepened his understanding of how technology improves lives.



After graduating in 2023, he entered the medical devices field, working with body composition analyzers, physiotherapy devices, cosmetic machines, dental equipment, radiology devices, and lab instruments. He handled sales, maintenance, and technical support across departments.

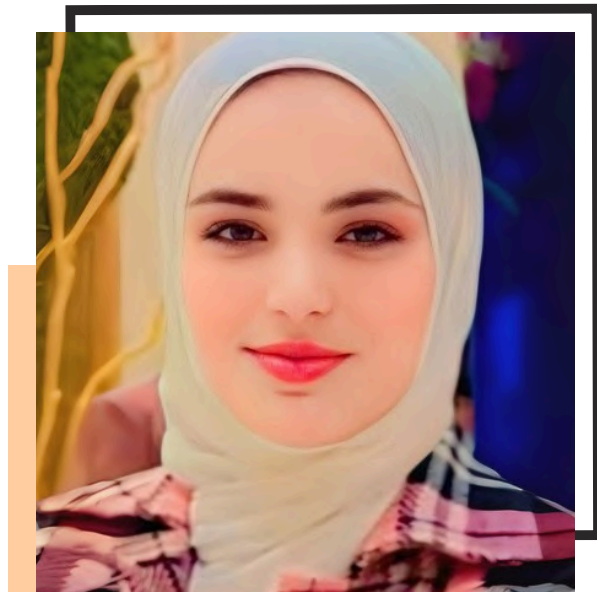
He also began delivering lectures at hospitals and universities, bridging theory with real-world application. This mix of hands-on work and teaching strengthened his skills and perspective.

His advice is to embrace every learning experience and stay curious, as these efforts will shape the future of healthcare. He is proud to be a Yarmouk University graduate.

LAMIS RA'ED BANY ISSA

*Researcher in the Department of Allied
Medical Sciences at JUST*

Eng. Lamis Ra'ed Bany Issa (Class of 2013), an excellent graduate (ranking first in her class) of Biomedical Engineering from the Hijjawi Faculty for Engineering Technology at Yarmouk University. Her exceptional academic performance led to an immediate appointment as a researcher in the Department of Allied Medical Sciences at (JUST). Following her initial research role, she continued her academic journey as a researcher in the Department of Biomedical Engineering at JUST.



Her passion for teaching later drove her to transition into academia, where she taught a variety of laboratory courses within the department, including the microcontrollers Lab, Medical Instruments Lab, and Biomechanical Modeling Lab.

She went on to pursue a Master's degree in Biomedical Engineering, graduating with the highest honors and ranking first in her class. Alongside her academic achievements, she served as a part-time lecturer in the Biomedical Engineering Department at JUST, delivering a range of specialized courses.

To strengthen her expertise, she has completed advanced training in areas such as deep learning, machine learning, medical image processing, intelligent biomedical systems, computer vision, and advanced digital signal processing. She has also expanded her technical skills through hands-on training in Arduino microcontroller programming, LabVIEW applications, and specialized workshops on medical technologies including anesthesia and endoscopy systems. These qualifications have enriched both her teaching and research, enabling her to integrate cutting-edge technologies into practical biomedical solutions.

Eng. Lamis has made notable contributions to research, particularly in artificial intelligence, medical image processing, and biomedical programming. Her work includes studies on the automated recognition of autism in brain volumetric images, leukemia classification using advanced convolutional neural networks, and innovative methods for detecting and analyzing cancer cells through microfluidics and AI-driven image processing. Notably, she developed a novel technique for blood cell staining within microfluidic devices—an advancement that has the potential to enhance diagnostic accuracy and efficiency. She has presented her research at prestigious international conferences and published in reputable scientific journals.

Her dedication to the profession is evident not only in her academic work but also in her engaging teaching style, hands-on workshops, and recorded educational videos on artificial intelligence and image processing. She has been honored at multiple conferences for her outstanding contributions to the field.

Today, Eng. Lamis stands as a leading figure in biomedical engineering—combining scientific innovation with a deep commitment to education—paving the way for transformative advancements that will shape the future of healthcare technology.

SAFWAN SAWALHA

*Clinical Application Analyst –
Electronic Health Solutions (EHS)*

Eng. Safwan Sawalha (Class of 2024), a graduate of Yarmouk University with a Bachelor's degree in Biomedical Informatics Engineering, has built a strong foundation in the healthcare technology sector through his work since graduating. Currently working as a Clinical Application Analyst at Electronic Health Solutions (EHS) in Jordan, Safwan plays a key role in supporting and optimizing the Hakeem system, Jordan's national e-health initiative.



His responsibilities include clinical system configuration, user support, and continuous collaboration with healthcare professionals to ensure that digital health applications effectively serve clinical needs. With a strong understanding of hospital workflows and data integration, Safwan bridges the gap between IT systems and medical teams to improve patient care delivery.

In addition to his role in clinical systems, Safwan is passionate about data analysis and database management. He is consistently developing his skills in tools such as Excel, SQL, and Google Data Analytics to better harness healthcare data for informed decision-making and system improvement.

Beyond his technical work, Safwan has shown initiative in training healthcare staff and conducting on-site system implementations. His effective communication and commitment to service excellence have earned him recognition among both technical teams and clinical users.

Safwan aspires to further his career in digital health by integrating advanced analytics, automation, and AI into clinical systems. His vision is to drive innovation in healthcare delivery across Jordan and beyond, using technology as a tool to make healthcare more efficient, accessible, and patient-centered.

RAGHDA OBEIDAT

*ERP Implementer – Electronic
Health Solutions (EHS)*

Eng. Raghda Obeidat (Class of 2025), a graduate of Yarmouk University with a Bachelor's degree in Biomedical Informatics Engineering, is making her mark in the digital health sector as an ERP Implementer at Electronic Health Solutions (EHS). Since beginning her professional journey in April 2025, Raghda has been actively involved in the implementation and support of the Hakeem Program—Jordan's pioneering national e-health initiative.



With a deep commitment to advancing healthcare through technology, Raghda plays a vital role in deploying Hakeem applications across various medical institutions. Her responsibilities span configuring and integrating ERP systems tailored to clinical environments, streamlining healthcare processes, and ensuring the seamless adoption of digital solutions by frontline medical professionals.

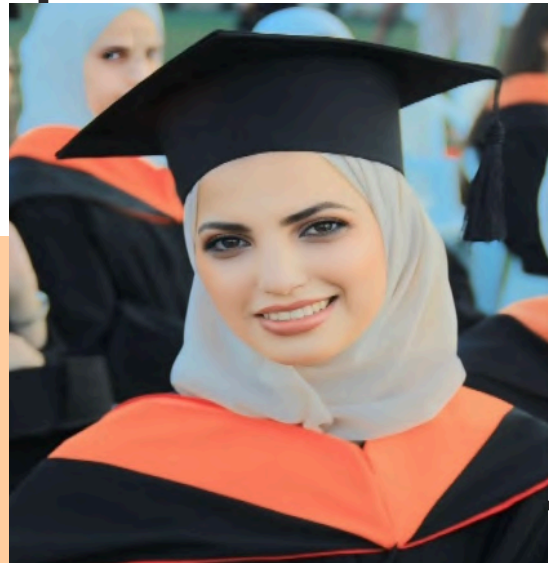
Beyond implementation, Raghda is a dedicated trainer who empowers healthcare workers to effectively use the Hakeem system. She regularly conducts comprehensive training sessions for staff at the Ministry of Health and Royal Medical Services, ensuring that users are fully equipped to navigate and utilize the system's capabilities to improve patient care and data management.

Raghda's contribution reflects her passion for health informatics and her drive to bridge the gap between medical practice and digital transformation. As she continues to grow within the healthcare technology space, she remains committed to enhancing the efficiency and accessibility of health services throughout Jordan.

ISLAM MANSI

*Medical Applications Analyst –
Electronic Health Solutions (EHS)*

Eng. Islam Rateb Mansi (Class of 2024) began her journey in Biomedical Informatics Engineering without imagining how deeply technology and healthcare could merge to change lives. Graduating first in her class gave her the motivation to aim higher, and her training at Electronic Health Solutions (EHS) became the turning point. Through this unique opportunity, she worked directly with hospitals and health centers, gaining firsthand experience of how digital transformation can empower healthcare.



Her outstanding performance during training led to her employment at EHS—even before graduation.

Alongside her studies, she worked on a graduation project that applied machine learning to translate sign language into audible and readable formats—a project inspired by her passion for accessibility and innovation.

Today, as a Medical Applications Analyst at EHS, she focuses on analyzing, managing, and developing healthcare systems such as EMR/EHR, LIS, and RIS/PACS, ensuring they truly serve both clinicians and patients.

For her, being top of his class is not just a title—it is a responsibility. A responsibility to keep learning, keep building, and continue driving positive change in healthcare through technology.

AYA ALSHEBLY

*Business Quality Analyst Expert at
Electronic Health Solution*

Eng. Aya Alshebly (Class of 2013), a Business Quality Analyst Expert in the Electronic Health Solution (EHS) for more than 10 years, holds a Master's degree in Engineering Management and a Bachelor's degree in Medical Informatics Engineering, combining a strong academic foundation with extensive hands-on experience in healthcare technology. She has been at the forefront of driving digital transformation in the sector, leading the design and delivery of solutions that enhance efficiency, quality, and patient care on a national scale.

Her expertise and thought leadership are reflected in her recent peer-reviewed publication in the prestigious international journal BMC Medical Informatics and Decision Making, titled "Proposed Framework for Medication Delivery System in the Jordanian Public Health Sector." The study aligns closely with her professional work, addressing critical needs in public health through innovative and integrated approaches.

Over the years, Aya has played a pivotal role in delivering large-scale healthcare technology initiatives, including projects that integrate patient information systems, billing platforms, online services, and operational workflows. Many of these initiatives were implemented in collaboration with the Ministry of Digital Economy and Entrepreneurship and the Ministry of Health, ensuring alignment with national e-health strategies. With extensive experience in translating complex business requirements into clear technical solutions, overseeing software development processes, and leading multi-stakeholder teams to successful outcomes, Aya continues to drive advancements in healthcare technology, enabling institutions to deliver smarter, faster, and more reliable services that positively impact the communities they serve.

Eng. Aya Alshebly (Class of 2013), a Business Quality Analyst Expert at Electronic Health Solutions (EHS) for more than ten years, holds a Master's degree in Engineering Management from the University of Jordan and a Bachelor's degree in Medical Informatics Engineering from Yarmouk University, combining a strong academic foundation with extensive hands-on experience in healthcare technology. She has been at the forefront of driving digital transformation in the sector, leading the design and delivery of solutions that enhance efficiency, quality, and patient care on a national scale.

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KARAM KHRAIS

Fabrication Labs Supervisor | Digital Fabrication Expert | STEM Education Advocate

Eng. Karam Khrais, a leading expert in the field of digital fabrication and a passionate advocate for hands-on STEM education, holds a distinguished role as the Fabrication Labs Supervisor at Orange Jordan, where he oversees the operations and educational programs of six fabrication labs across various governorates in Jordan. With a background in product design and digital fabrication, Eng. Khrais has dedicated his career to merging creativity with technology to empower youth and communities through innovation.



His expertise spans 3D design, additive and subtractive manufacturing, electronics design and programming, and the development of sustainable prototypes and MVPs (Minimum Viable Products). Throughout his journey, he has led the design and implementation of interactive, project-based curricula that introduce students and educators to digital tools such as 3D printers, laser cutters, CNC machines, and microcontrollers.

One of his most impactful contributions is the MARS-JO Rover project, which began as a simple concept and evolved into an inspiring educational model for teaching digital fabrication, programming, and problem-solving. This project has been featured in national events and continues to serve as a gateway for youth to explore advanced technologies.

Eng. Karam is also recognized for his role in designing and leading numerous workshops and STEM events that foster creativity and critical thinking. His work has enabled hundreds of students, educators, and idea bearers to transform their ideas into real, functional prototypes. His approach emphasizes sustainability, innovation, and real-world impact.

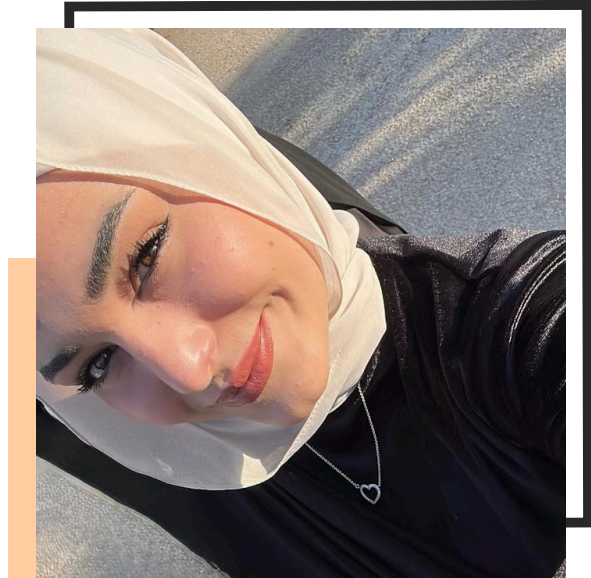
In addition to his technical leadership, he actively documents best practices in educational design and collaborates with local and international partners to expand access to digital fabrication tools and knowledge. His role also involves setting KPIs, evaluating program outcomes, and ensuring continuous improvement across all labs he supervises.

With his multidisciplinary background as a product designer, digital maker, and certified Design Thinking & Sprint trainer, Eng. Karam continues to shape the future of education and innovation in Jordan — empowering the next generation of creators, engineers, and changemakers.

SHATHA AWAWDEH

*Certified Factory Auditor | Quality Assurance
Specialist | Industrial Engineer*

Eng. Shatha Awawdeh holds a Bachelor's degree in Industrial Engineering from Yarmouk University, where her academic distinction and innovative mindset were evident through her award-winning graduation project. Supervised by Dr. Ghazi Moqabaleh, the project earned first place in the national-level Jordanian Engineers Association competition.



Alongside her academic success, Eng. Awawdeh actively contributed to her department's strategic development. Notably, she played a role in supporting the Industrial Engineering Department during its successful journey to obtain the prestigious ABET accreditation. Her involvement included organizing documentation, preparing evidence for curriculum outcomes, and participating in internal review sessions helping ensure the department met international accreditation standards.

She was also a proactive member of the Industrial Engineering student team and volunteered to mentor and guide new students strengthening her soft skills in leadership, communication, time management, and collaboration.

Currently, Eng. Awawdeh serves as a Certified Factory Auditor (CFA) in the Quality Assurance (QA) department at TEFRON Textile Ltd. She is responsible for maintaining customer-specific quality standards for prominent international brands including New Balance, Walmart, Gymshark, and Target.

She is primarily focused on New Balance and Walmart, leading quality assurance efforts, attending client meetings, and coordinating internal processes to meet brand expectations. She is currently on track to become the official Brand QA Representative for New Balance within TEFRON.

Eng. Awawdeh is known for her strong ability to learn quickly, adapt to new systems and brand requirements, and apply knowledge effectively traits that have accelerated her growth and improved the agility and responsiveness of the QA team. Her fast learning has also allowed her to take initiative, resolve issues efficiently, and contribute meaningfully across various departments.

Her interdisciplinary exposure spanning logistics, merchandising, business development, production, planning, and quality control - has broadened her understanding of operational workflows and strengthened her capabilities in strategic thinking, cross-functional collaboration, and continuous improvement.

She continues to pursue excellence in QA and aims to deliver value through quality leadership and a customer-centric approach.

MOHAMMAD AL-SHOUBAKI

Industrial Engineer | Project Coordinator

Eng. Mohammad Al-Shoubaki (Class of 2024), a graduate of the Industrial Engineering program at Yarmouk University – Hijjawi Faculty for Engineering Technology, has always focused on bridging academic knowledge with practical application. During his studies, he contributed to several engineering projects, most notably an innovative renewable energy project involving the design and development of portable wind turbines.



These turbines featured a modern design and flexible functionality, offering clean and mobile energy solutions for remote areas and emergency settings.

From the early stages of his career, Mohammad demonstrated a strong professional commitment and the ability to drive project progress while overcoming technical and organizational challenges. He believes that industry is not just a productive activity or a financial engine, but rather a national identity and a core pillar of sustainable development that improves the quality of life within communities.

In line with this vision, Mohammad became part of a joint project between the Amman Chamber of Industry (ACI) and the Cologne Chamber of Crafts in Germany (HWK Köln), aimed at advancing vocational and technical education and training for Jordanian workers in the industrial sector.

As part of this project, he established a collaboration network that includes 209 industrial facilities across seven governorates, making it one of the largest networks in the history of the Amman Chamber of Industry. He played a key role as a liaison between stakeholders, ensuring precise planning and effective execution.

Mohammad is responsible for preparing and implementing the project's annual plans, as well as drafting official reports for the German partner.

He benefits from specialized training in evaluation and management methodologies, based on precise German protocols. He also possesses advanced skills in bid preparation and evaluation, resource management, and data analysis — supporting strategic decision-making at the institutional level.

Mohammad continues to work on strengthening the integration of engineering education with real-world practice, with the aim of helping build a more efficient and sustainable Jordanian industrial sector, founded on trustworthy partnerships and operational excellence.

With this mindset and sense of responsibility, Eng. Mohammad Al-Shoubaki represents a modern example of an industrial engineer striving to turn ideas into tangible results that benefit his country.

From **Dreams** to Destinations

In closing, these stories are more than individual achievements — they are living testaments to courage, perseverance, and the power of dreams. Each graduate's journey reminds us that with passion and determination, challenges can be transformed into milestones and aspirations into realities.

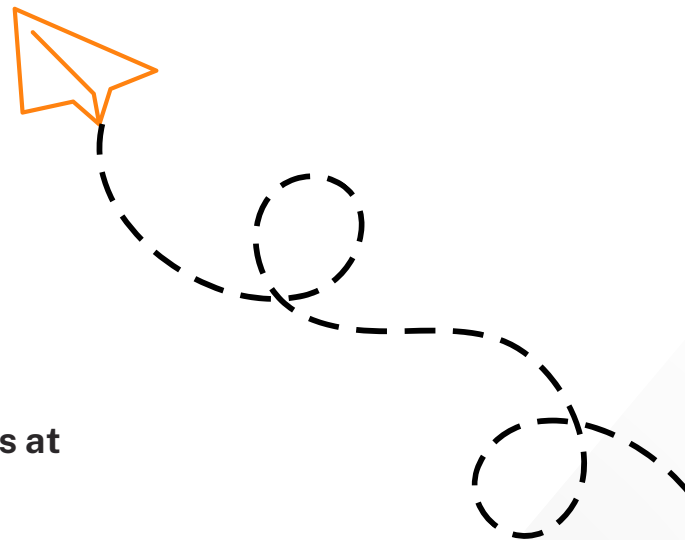
This collection is only the beginning. More inspiring editions will follow, and we would love for your story to be among them. If you are a distinguished graduate who has made a meaningful impact, we warmly invite you to share your journey with us at **cdc@hijjawawi.org** — so that together, we continue to inspire, motivate, and light the way for future dreamers.

An Ending that Sparks New Beginnings...



Share your journey with us at
cdc@hijjawawi.org

Or make an impact — volunteer to
inspire and create with us!



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