

CV

Hisham M. Almasaeid

Assistant Professor, Computer Engineering Department, Hijjawi Faculty for Engineering Technology, Yarmouk University

EDUCATION

Degree	Discipline	Institution	Year
Ph.D.	Computer Engineering	Iowa State University	2012
M.S.	Computer Engineering	Iowa State University	2007
B.S.	Computer Engineering	Yarmouk University	2004

ACADEMIC EXPERIENCE

- ▶ Teaching assistant [Jul 2004 - Aug 2005]: Teaching assistant at Yarmouk University for several laboratories, including Digital Logic Design, Computer Hardware Design, Computer Interfacing, System Programming, and Numerical Analysis.
- ▶ Research assistant [Jan 2008 - May 2009]: Iowa State University, Ames IA, USA.
- ▶ Assistant Professor [Jan 2012 – Present]: Computer engineering department, Yarmouk University.
- ▶ Assistant Dean [Sep 2012 - Sep 2014]: Faculty of Engineering - Yarmouk University
- ▶ Chairman [Sep 2016 - Sep 2017]: Computer Engineering Department at Yarmouk University
- ▶ Director [Jun 2018 – Jun 2020]: Queen Rania Center for Jordanian Studies and Community Service at Yarmouk University

NON-ACADEMIC EXPERIENCE

- ▶ Software Development Engineer [May 2010 - Aug 2010]: Amazon.com.
- ▶ Software Development Engineer [Jan 2011 – Jan 2012]: Amazon.com.

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS

None.

PROFESSIONAL SOCIETY MEMBERSHIP

- ▶ Member of the Institute of Electrical and Electronic Engineers (IEEE).
- ▶ Member of the IEEE Computer Society.

HONORS AND AWARDS

- ▶ Full scholarship from Yarmouk University to pursue graduate studies (MSc. and PhD).

SERVICE ACTIVITIES

- ▶ Member of the Technical Program Committee of several conferences.
- ▶ Reviewer for a number of conferences and journals.
- ▶ Member of the “Steering Committee of the National Technology Parade (Jordan)” (2013-Present)

- ▶ Member of the “Steering Committee of the Graduates Internship Program (GIP)” at the Ministry of Telecommunication and Information Technology. (2014-Present)
- ▶ Member of the boards of directors of “Center of Consultations, Training, and Community Service” at Jadara University. (2019-Present)

FUNDED RESEARCH GRANTS

None.

SELECTED PUBLICATIONS

1. O Al-Kofahi, H Almasaeid, H Alme fleh. “Efficient on-demand spectrum sensing in sensor-aided cognitive radio networks”. Computer Communications, 156 (2020): 11-24.
2. Almasaeid, Hisham M., Osameh Al-Kofahi, Sharhabeel H. Alnabelsi, and Ramzi Saifan. “Tree-based multicast service provisioning with maximum immunity in cognitive radio networks”. Journal of High Speed Networks 24 no. 4 (2019): 367-384.
3. Almasaeid, Hisham M. “Maximizing Achievable Transmission Time in Cognitive Radio Networks Under Sensor-Aided Crowdsourced Spectrum Sensing”. The Computer Journal 62, no. 10 (2019): 1477-1489.
4. Al-Kofahi, O., Almasaeid, H., Al-Kofahi, M., Al-Mefleh, H., “Equal-Length Gradient Multipath Routing in WSNs”. International Journal on Communications Antenna and Propagation, 9 (4), pp. 271-284, 2019.
5. Ootom, Mwaffaq, Pedro Trancoso, Mohammad A. Alzubaidi, and Hisham Almasaeid. “Machine Learning-Based Energy Optimization for Parallel Program Execution on Multicore Chips”. Arabian Journal for Science and Engineering 43, no. 12 (2018): 7343-7358.
6. Heba Alhamaydh, Hussein Alzoubi, and Hisham Almasaeid. “Assessing clutter reduction in parallel coordinates using image processing techniques”. Journal of Electronic Imaging 27 (1), 2018.
7. Sharhabeel H. Alnabelsi · Ramzi R. Saifan · Hisham M. Almasaeid. “Improving Routing Performance Using Cooperative Spectrum Sensing in Cognitive Radio Networks”. International Review on Computers and Software, 2016.
8. Mwaffaq Ootom, Hussam Alshraideh, Hisham M Almasaeid, et. al. “Real-Time Statistical Modeling of Blood Sugar”. Journal of Medical Systems, Volume 39, Issue 10, 2015.
9. Mwaffaq Ootom, Pedro Trancoso, Hisham Almasaeid, Mohammad Alzubaidi. “ Scalable and Dynamic Global Power Management for Multicore Chips”. Proceedings of the 6th Workshop on Parallel Programming and Run-Time Management Techniques for Many-core Architectures, 2015.
10. Ootom, Mwaffaq, Hussam Alshraideh, Hisham M. Almasaeid, et. al. “E-Smart Real-Time Blood Sugar Administration”. In International Workshop on Ambient Assisted Living, pp. 409-412. Springer, Cham, 2014.

PROFESSIONAL DEVELOPMENT ACTIVITIES

- Orientation program for new faculty members [*January 2012*]
- Android Mobile Application Development Workshop, UCLM, Spain [*September 2014*]
- "Preparing Course Portfolio" workshop, YU, Jordan [*December 2018*]