Noura Alhakbani

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EDUCATION

2018: Obtained PhD degree in Computer Science and Information Systems from King Saud University- PhD Thesis is in the field of Machine Learning in the Internet of Things

2008: Obtained a Master degree in Computer Science from King Saud University with first-class honors and as top of my class.
The Master's project was in the field of Artificial Intelligence.

2002: Completed the required coursework towards an undergraduate degree in Computer Applications from King Saud University and graduated with honors.

EXPERIENCE:

Working as assistant professor at King Saud University College of Computer Sciences and Information Systems 2018..
Worked as a lecturer at King Saud University 2010…
Worked as a lecturer at Prince Sultan University, 2009 … 2010.
Worked as a part time teaching assistant at King Saud University, 2002.

AWARDS

2019: Won the first-place Award for best Publication for PhD Students in Computer Science and Information Systems

2018: Won the second-place Award for best Publication for PhD Students in Computer Science and Information Systems

2017: Supervised Mobile Pollution Monitoring for public transportation Project "Airuino" which won first Place for best live demo award at Sheikh Zayed University April 2017.

EXTERNAL COURSES and ACTIVITIES

- Data Communications and Computer Networks course at Boston University, (2006)
- Professional programs in:
  - System Architecture and Lifecycle Design: Principles, Models, Tools, and Applications at Massachusetts Institute of Technology (MIT), (2006)
  - Digital Communication Networks at Massachusetts Institute of Technology (MIT), (2006)
- Member of the judging panel for RoboCup - an international competition which was held under Mawhiba Foundation (2009)

- Member of a panel discussion under the theme 'Pervasive Computing: User Modeling and User-Adapted Interaction in Google Services' for Google ambassadors focus on women in technology (2013)
- Participated in a Hackathon organized by KSU for finding technological solutions to help people with special needs (2013)

Published Papers

2019

N. Alhakbani, M. M. Hassan, M. Ykhlef, and G. Fortino, "An efficient event matching system for semantic smart data in the Internet of Things (IoT) environment," Future Generation Computer Systems, Volume 95, June 2019, Pages 163-174, 2019. (ISI: IF 4.639) [Q1]

2017

N. Alhakbani, M. M. Hassan, and M. Ykhlef, "An Effective Semantic Event Matching System in the Internet of Things (IoT) Environment," Sensors, vol. 17, no. 9, p.1-19, 2017. (ISI:IF 2.677) [Q1]

2015

N. Alhakbani, "Air Pollution Measures in Riyadh City and Personal Exposure Level," pp. 1–3, 2015.

2014

N. Alhakbani, M. M. Hassan, M. A. Hossain, and M. Alnuem, "A Framework of Adaptive Interaction Support in Cloud-Based Internet of Things (IoT) Environment," in 7th International Conference on Internet and Distributed Computing Systems, Lecture Notes in Computer Science LNCS., 2014, pp. 136–146.

2013

N. Alhakbani, R. Almarshad, E. Alabdulgader, M. Alshehri, A. Alothman, and A. Alwabil, "Patterns Of Computer-Mediated Communication: Youth, Identity And Mobile Devices," presented at the ICERI 2013 Proceedings, 2013.

E. Kanjo, L. Al-Barrak, N. Alhakbani, N. Al-Ghamdi, and S. Altammami, "I CAN," presented at the 1st International Conference on Technology Helping People with Special Needs, 2013.

N. Alhakbani and E. Kanjo, "Zone based indoor mobile air pollution monitoring," 2013, pp. 749–752.

2012

N. Alhakbani and M. Alnuem, "Consultancy Services to ERP Systems: Case Studies from Saudi Arabia," J. Theor. Appl. Inf. Technol., vol. 37, pp. 116–124.

N. Alhakbani and A. Mirza, "Recommender Systems Position and Orientation Study icommerce Websites," presented at the 22nd Workshop on Information Technologies & Systems, Orlando, Florida, 2012.

Taught Courses

- Internet of Things
- Database Systems
- Information Security
- Introduction to Digital Design
- Graduation Projects Supervision