**Noura Alhakbani**

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**EDUCATION**2008: Obtained a Masters degree in Computer Science from King Saud University with first-class honors and as top of my class. My Master’s project was to develop an Automated Examination Timetable using Hierarchal Clustering to generate a conflict free timetable and then optimize the generated timetable using genetic algorithms. Other research topics included, but were not limited to, extreme programming, software testing and balanced scorecard. 2002: Completed the required coursework towards an undergraduate degree in Computer Science from King Saud University and graduated with honors. My graduation project was to develop a scholastic online examination system.

**EXTERNAL COURSES and Activities**:

* [Data Communications and Computer Networks](javascript:toggleLayer('CS535')) 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)

**EXPERIENCE:**Worked as a part time teaching assistant at King Saud University, 2002.  
Worked as lecturer at Prince Sultan University, 2009 … 2010.  
Working as a lecturer at King Saud University 2010…

**Published Papers**

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 in E-commerce Websites,” presented at the 22nd Workshop on Information Technologies & Systems, Orlando, Florida, 2012.

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.

**Taught Courses**

* Object Oriented Programming
* Introduction to Digital Design
* Introduction to Information Systems
* Software Engineering

**AFFILIATIONS:**

* Member of Software & Knowledge Engineering Research Group, KSU (SKERG)
* Member of The Working Group on Automated Timetabling (WATT)
* Member of Association for Computing Machinery (ACM)