Dr. Mesfer Alrizq

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RESEARSH INTERSETS:

I am interested in Distributed Artificial Intelligence, Human Behavior Modeling, and Multi-Agent Modeling.

EDUCATION AND QUALIFICATION:

Doctor of Philosophy in Computer Science, Western Michigan University, Kalamazoo, MI 2014-2020

Master of Science in Information Technology, Rochester Institute of Technology, Rochester, New York 2011 – 2013

Bachelor of Science in Information Systems, King Khalid University, Abha, KSA 2004 – 2009

WORK EXPERIENCES :

- Assistant Professor - Najran University, KSA 2020-Present
- *Teaching Assistant & Part Time Faculty*, Department of Computer Science, WMU, Kalamazoo, MI May. 2019-May 2020
- *Computer Lab Technician*, Computer Aided Engineering Center, WMU, Kalamazoo, MI Aug. 2018-April 2020
- Lecturer - Najran University, KSA 2015-2020
- Teaching Assistant - Najran University, KSA 2009-2011

TAUGHT COURSES:

- Intro. to Computers, Najran University, 2010
- Teaching assistant for: CS 4430/5430 - Database Management Systems, CS 6250 - Advanced Computer Architecture, CS 5820 - Artificial Intelligence, and CS 1110 - Computer Science I, Department of Computer Science, WMU, 2019-2020
- Fundamentals of Programming and Internet Technologies, Najran University, 2020

PUBLICATIONS:

[1] M. A. Suhaim, **M. S. Alrizq**, and M. A. Almalki, "An effective baby temperature monitoring system," International Journal of Computer Science and Information Security, vol. 16, no. 12, pp. 80–85, Dec. 2018.

[2] **Mesfer Alrizq** and Elise de Doncker. A novel fuzzy based human behavior model for residential electricity consumption forecasting. In Power and Energy Conference at Illinois (PECI), 2018 IEEE, pages 1–7. IEEE, 2018.

[3] **Mesfer Alrizq**, Elise de Doncker, and Alvis Fong. Changing energy consumption patterns based on multi-agent human behavior modeling for analyzing the effects of feedback techniques. In Power and Energy Conference at Illinois (PECI), 2019 IEEE. IEEE, 2019.

[4] **Mesfer Alrizq**, Elise de Doncker, and Alvis Fong. Modeling the Impacts of Real-Time Feedback Techniques for Altering Residential Energy Consumption Patterns, in preparation.

POSTERS:

- Alrizq, Mesfer, "Human Behavior Modeling for Residential Energy Consumption" (2018). *Research and Creative Activities Poster Day*. 296, WMU.

Certificates & Training Courses:

- Library Skills Day, WMU, Feb. 18, 2020.
- Writing to Learn/Writing Across the Curriculum - Part 2, WMU, 2019
- Writing to Learn/Writing Across the Curriculum - Part 1, WMU, 2019
- The Graduate Student Teaching Intensive Certificate, WMU, 2019
- Cool Tools for Teaching: Intentional Assignment Design II, WMU, 2019
- Cool Tools for Teaching: Intentional Assignment Design I, WMU, 2019
- Teaching Inclusivity - Summer Seminar, WMU, 2019
- Risk Management Conference, Kalamazoo, MI, April 4, 2015
- Project Management Professional Preparatory Program Training, Haworth College of Business, Global Business Center, Western Michigan University, Kalamazoo, MI, Feb 21-22, 2015 (35 hours)
- Project Management Professional Preparatory Program (PMP), Haworth College of Business, Global Business Center, Western Michigan University, Kalamazoo, MI, Feb 21-22, 2015
- Intensive English Course, RIT, 2011-2012

HONORS/AWARDS:

- Outstanding Graduate Research Award, WMU, 2019
- **[Award-winning]** M. Alrizq (adviser: Dr. de Doncker), "Human Behavior Modeling for Residential Energy Consumption", Annual Research and Creative Activities Poster and Performance Day, Western Michigan University, Kalamazoo, Michigan, April 2018.
- Scholarship to pursue my Masters and Ph.D., Najran University, KSA – 2011-2020