Dr. Abdullah Alghamdi

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RESEARSH INTERSETS:

I am interested in Interdisciplinary Applications, Privacy, Networking, and IoT.

EDUCATION AND QUALIFICATION :

Doctor of Philosophy in Computer & Information Systems Engineering, Tennessee State University, Nashville, TN 2014- 2018

Master in Networking and System Administration, Rochester Institute of Technology, Rochester, New York 2010 – 2013

Bachelor in Information Systems, AL-Imam Muhammad Ibn Saud Islamic University, Riyadh, KSA 2004 – 2009

WORK EXPERIENCES :

- Assistant Professor   - Najran University, KSA   2019-Present
- Lecturer   - Najran University, KSA   2013-2018
- Teaching assistant   - Najran University, KSA   2009-2010
- IS Officer   - Jeddah Municipality, KSA(3 months) 2009
- Summer Training   - Saudi Aramco Company (2 months)   2008

TAUGHT COURSES:

Electronic Commerce, Computer Networks, Computer Programming, Fundamentals of Databases, Intro. to Computers

PUBLICATIONS:

[1] Kyra Bryant, **A. Alghamdi**, Abram Musinguzi, and Muhammad K Akbar, "Incorporating Rainfall into Storm Surge Forecasting for Hurricane Irma," presented at the 15th Estuarine and Coastal Modeling Conference, Seattle, WA, 2018.

[2] Kyra Bryant, **A. Alghamdi**, Abram Musinguzi, and Muhammad K Akbar, "Incorporating Rainfall into Storm Surge Forecasting for Hurricane Irma," presented at the 33rd Conference on Hurricanes and Tropical Meteorology, Ponte Vedra, FL, 2018.

[3] **A. Alghamdi**, and M. Akbar, "Profiling and Evaluation of Implicit and Explicit Storm Surge Models," International Journal of Computer Theory and Engineering, vol. 9, no. 6, pp. 417–421, 2017.

[4] **Abdullah Alghamdi** and Muhammad Akbar, "Profiling and Evaluation of Implicit and Explicit Storm Surge Models", presented at 10th International conference on Environmental and computer sciences (ICECS 2017), Ottawa, Canada.

[5] **Alghamdi Abdullah**, Mohammed Thanoon, and Anwar Alsulami, Dr. Muhammad Akbar, "Instant Responder: A Proposal of Safety and Security System on Tennessee State University Main Campus", presented at the University-Wide Research Symposium, TSU, April 2017, Nashville, TN.

[6] **A. Alghamdi** and S. Shetty, "Survey Toward a Smart Campus Using the Internet of Things," presented at 2016 IEEE 4th International Conference on Future Internet of Things and Cloud (FiCloud), 2016, pp. 235–239.

PATENTS:

- Vision-based helmets for blind spots detection and warning system, Saudi Patent Office, Registration date: 10/2016, "under review"
- Notification System of Saudi Royal Embassies in Emergencies, Saudi Patent Office, Registration date: 09/2018, "under review"

Certificates & Training Courses:

- Advance Certificate, Information Assurance, RIT, 2012.
- Advance Certificate, Network Design & Planning, RIT, 2012.
- Intensive English Course, RIT, 2010-2011.

HONORS/AWARDS:

- Scholarship to do my Master and Ph.D, Najran University, KSA – 2010-2019