

Amirah Abdulrahman Alshamrani

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Education

- Currently, Computer Science graduate student, School of Engineering and Applied Science at The George Washington University
- [May 2012] : Bachelor degree of Computing and Information Technology, from Faculty of Computing and Information Technology at King AbdulAziz University at Jeddah, excellent with honor.
- Later, I received a fully funded scholarship for my higher studies by the Saudi government.

Experience

Work experience:

- 2013 – 2016, Teaching Assistant – King AbdulAziz University (KAU).

Other experiences:

- [Jun – Aug 2014] : Supervision of a group of KAU computer science students for their summer training course. The supervision included working synchronically with them on programming (implementation) phase of a web-based system that was previously analyzed and designed by my colleague and me to meet the university's requirements.
- [Fall 2017] : Volunteer as international student ambassador in GWU, by helping in orientations and leadership events and programs hosted by the International Services Office, also a member in Women in Computer Science group at GW, mentoring CS undergraduate students.

Workshops, Courses and Publications:

- Successfully completed “MT.SAN JAACINTO College’s” online by “Coursera” offering of: Crafting an Effective Writer: Tools of the trade, “Managing Big Data with MySQL” by Duke University and “People Analytics” by University of Pennsylvania, and currently taking “Social and Economic Networks” by Stanford, I also completed by now 60% of the content of “Data Analyst Nanodegree” offered by “Udacity” in collaboration with Google and Kaggle, including the courses of Inferential Statistics, Data Wrangling, Data Exploratory and Analysis, Machine Learning and Data Visualization.
- During my academic study, I enrolled in various computer science courses, such as Databases, Software Engineering, and Project Management, I also completed courses in Calculus, Discrete Mathematics, Statistics, Probability Theory, Big Data Analytics and Academic Writing and Research, as well as Machine Learning for Analytics, UNIX Programming and Information Retrieval Systems at GW.
- [June 18]: Paper accepted to the International Conference on Social Computing, Behavioral-Cultural Modeling & Prediction and Behavior Representation in Modeling and Simulation (SBP-BRiMS 2018).

Skills

I have excellent skills with Python, R, Java, SQL, MySQL, Oracle, AWS and Knowledge of Unix/Linux environments, JSON and XML.

Teaching, training academic stuff and working on projects within different team members have improved my skills in maintaining positive relations with team for better communication.as well as the ability of self-learning.

Interests

My academic interests include machine learning and data analytics, databases and information retrieval. I enjoy reading and watching documentaries in social psychology, cognitive sciences and learning strategies issues, I have a special interest in social and public issues, leveraging related data by analytics methods to explore behaviors and social phenomenon. I also like walking for relaxation.