

## **Amirah Abdulrahman Alshamrani**

● mobile: 5712132566 ● 21-Dec-89

● Email: [aaalshumrani@kau.edu.sa](mailto:aaalshumrani@kau.edu.sa), amirah\_shumrani@gwu.edu

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### **Education**

- Currently, Computer Science graduate student, School of Engineering and Applied Science at George Washington University
- Bachelor degree of Computing and Information Technology: May 2012 from Faculty of Computing and Information Technology at King AbdulAziz University-Jeddah, excellent 4.55 / 5. Later, I have been awarded full funded scholarships for master, PhD and postdoc 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.
- Now - volunteer as international student ambassador in GWU, by helping in orientations and leadership events and programs hosted by the International Services Office
- A member in Women in Computer Science group at GW, mentoring CS undergraduate students.
- Currently, I am working with a group of two PhD researchers on a research project. The research addresses how social media influences public opinion in regards to the case of women issues in Saudi Arabia. As well as understanding the impact of new governmental regulations and public policy announcements regarding controversial cultural issues in Saudi Arabia that might help with predicting public policy acceptance and change in future.

## **Workshops and Courses:**

- Now, enrolled in “Data Analyst Nanodegree” offered by “Udacity” in collaboration with Google and Kaggle, completed by now 60% of the content including the courses of Inferential Statistics, Data Wrangling, Data Exploratory and Analysis, Machine Learning and Data Visualization.
- 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.
- During my 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. I am now taking Machine Learning for Analytics, UNIX Programming and Information Retrieval Systems at GW.

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## **Skills**

I have excellent skills with Python, R, Java, SQL, MySQL, Oracle 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.

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## **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, and I have special interest in social and public issues, leveraging related data by analytics methods to explore social phenomenon. I also like walking for relaxation.