# Nora Alhelal

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#### WORK EXPERIENCE

## **Department Director of Strategic Planning Unit**

College of Science and Humanities

- Participation in building strategic plans in accordance with the educational priorities
- Providing sectors that need models operational plans to achieve their performance indicators
- Monitor the implementation of the approved Operational Plan of and regularly issue periodic reports
- Prepare the department-wide Annual Reports.

## Head of the E-learning Unit

Aug. 2020 - Sep. 2022

Aug. 2022 - Present

College of Science and Humanities

- Managing the transformation of education from in-class learning to online learning during the coronavirus pandemic.
- Setting up and maintain the college E-learning platform.
- Working on moving some of the courses to be placed entirely on the e-learning system.
- Participate in the development of standards for evaluating the quality of online courses at the college
- Coordinate and follow-up tasks to train faculty members in the college on the e-learning applications.
- Coordinate support services provided for faculty, staff, and students in all aspects of e-learning.

# Assistant to the Head of Cybersecurity Unit

Sep. 2018 – Sep. 2020

College of Science and Humanities

- Provide security training for faculty and students
- Raise the awareness of cybersecurity for students and faculty
- Provide periodic reports on the state of cybersecurity in the college
- Notify the faculty of any threats and risks and how to handle them

#### **Department Coordinator of Research Center**

Sep. 2017 – Jan. 2020

Computer Science Department

- Created a database of all the research conducted by a faculty member of the college and update it regularly.
- Coordination with the Deanship of Scientific Research at the university to obtain research support for faculty.
- Performing any other tasks assigned to the unit in its field of competence.

Lecturer
Shaara University

Oct. 2012 – Sep. 2013, Feb.2017 – Present

Shaqra University

Instructed full undergraduate courses and managed course work in a timely manner. Courses I teach are:

CS428 Introduction to Artificial Intelligence - CS411 Design and analysis of algorithms - CS432 Introduction to Mobile Development - CS 443 Advanced Mobile Development - CS421 Cryptography. - IT309 Information Technologies - IT 202 Network I

- Participated in the University Quality Improvement Project.
- Served as an academic advisor for students.
- Participated in a team which was responsible for the Shaqra University's Computer Science Department's role and tasks.
- Able to collect and manage information in a confidential manner.

#### **EDUCATION**

# George Washington University

**2017**Washington DC

MS, Computer Science
■ 3.63/4.0 GPA

- Received a Graduate Certificate in Computer Security and Information Assurance (CSIA)
- Participated in Atlantic Council Cyber 9 12 Challenge (2016), Washington DC

# **Georgetown University**

2015

English as a Foreign Language Intensive Program

 $Washington\ DC$ 

Shaqra University
BS. Computer Science

2011

First Class Honors: 3.43/4.0 GPA

Al-dwadmi, SA

#### **SKILLS & INTERESTS**

- Skills: Mobile App Development (iOS / Android); programming (Java/Swift/C/C++/HTM/Python/Kotlin); Machine Learning (PyTorch); Network Installation, Management and Troubleshooting; Network Monitoring (Wireshark/Snort); Configuring security settings in OS (Windows 7, 8, 10/Linx); Virtualization (VMware/VirtualBox); knowledge in (AWS/Assembly Code/ GitHub/ Data Analytics).
- Interests: Photography; Graphic Design; Apps Developments.

#### **More Information**

- Certifications:
  - o Machine Learning Specialization Certificate from Stanford University (Coursera, 2023)
  - o Deep Neural Networks with PyTorch from IBM (Coursera, 2023)
  - o Connect Intensive Android Basics Nanodegree by Google (Udacity, 2018)