Raghdah A. Madani

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PERSONAL INFORMATION

Name: Raghdah A. Madani
Marital Status: Single
Nationality: Saudi
Place of Birth: Saudi Arabia
Date of Birth: 11/08/1993
Saudi ID: 1083393353

PROFILE

An Electrical and Computer Engineer from Effat University. Seeking for an opportunity to develop myself and express my strengths. Qualified by a unique blend of project management, research, and data analysis skills; which have been gained through various academic & business projects.

EDUCATION & QUALIFICATIONS

From 2013 Spring - 2016 Fall Bachelor in Electrical and Computer Engineering with first honor degree at Effat University, Jeddah, Saudi Arabia.

From 2011 Fall – 2012 Spring Science Foundation Year at King Abdul-Aziz University, Jeddah, Saudi Arabia.

From 2008- 2011 High School, Science Discipline with Excellent GPA at 35 Secondary School, Jeddah, Saudi Arabia.

KEY SKILLS

- **Computer knowledge:**
  - Microsoft office (Word , Excel , PowerPoint , Access)
  - Basic Programming Languages (C++, Java, Assembly ,VHDL, HTML & MATLAB)
  - Circuit design program (Multism)
  - Signal measuring program works over a special interface (CASSY Lab)
  - Image-editing software (Photoshop)
  - LabVIEW System Design Software

- **Language Skills:**
  - English as a Native language
  - Arabic as a second language
- **Interpersonal skills:**
  - Self-Learning skill
  - Management
  - Ability to work well in a team and independently

INTERNSHIPS

Internship (Summer 2015) at KAUST:

- **MULTI AGENT SYSTEM-CONSENSUS ALGORITHM PROJECT:** Working as Trainee with Professor Jeff in the general area of feedback control and systems theory. His most recent research has been in decision and control for distributed multiagent systems and the related topics of game theory and network science, with applications to both cyberphysical and societal network systems.
  Prof. Jeff Shamma

Internship (Summer 2016) at KAUST:

- **IN DOOR LOCALIZATION SYSTEM USING RF AND ULTRA SONIC SIGNALS:**
  Working as Trainee with Professor Talal Al-Attar in the concept of the localization which is wirelessly detecting the position of indoor objects using a network of devices. The proposed theory revolves around having a mobile device that transmits ultrasonic waves and RF signals at the same time to be received by four base stations. While the RF signal is much faster than the ultrasonic wave, we can say that the four RF signals arrive at the same time.
  The time difference (Δt) between the arrival of the RF and the ultrasonic wave is calculated at each of the four base stations to determine the distance between the mobile device and each base station. Upon knowing that distance, the mobile device can now be located.
  Prof. Talal Al-Attar

EXPERIENCES

- Jan – 2019 at EJAR | Zahid Group as Marketing Specialist (current)
  - Leading Rental Operation Quality Control
  - Leading Caterpillar Rental Excellence Program for 2018 & 2019
  - Leading Rental Operation Marketing Plan
  - Leading Rental Operation ERP Enhancement & Development
- Feb – 2018 at EJAR | Zahid Group as Administrative Assistant

ACHIEVEMENTS

- National Instruments DAQ workshop
- 2014-2015 Queen Effat Citizenship Award nominee
- 2015-2016 Queen Effat Citizenship Award nominee
- 2015-2016 Effat University Dean’s List
- 2018 Certified Sales Rep. & Mgr. (Caterpillar School)

HOBBIES AND INTERESTS:

- Travelling & Coding