Mohammed Alawami

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Education

JUNE 2019   GPA: 3.25

B.S. Electrical and Computer Engineering / Oregon State University

Minor Computer Science / Oregon State University

Experience

SEP 2018 – APR2019

Student Developer / Enterprise Computing Services, Corvallis

- Implementing APIs
- Implementing integration tests for APIs
- Building Docker containers

Certifications

JUN 2019

Data Science with Python / Simplilearn

Credential: https://certificates.simplicdn.net/share/1293733.pdf

- Data Analytics
- Data Visualization
- Natural Language Processing
- Machine Learning
- Web Scraping

JUL 2019

Data Science with R / Simplilearn

Credential: https://certificates.simplicdn.net/share/1307926.pdf

- Data Analytics
- Data Visualization
- Business Analytics
- Machine Learning

Skills

- **Web development**: JavaScript, flask, PHP, React.
- **Programming Languages**: C++, Python, JavaScript, C.
- **Software verification and validation**: Unit tests, integration tests, debugging and maintenance.

Projects

- **IOT Smart Greenhouse**   Sep 2018 - May 2019
  - Monitor the temperature environment
  - Control devices (exhaust fan, irrigation system)
  - Automate the process of adding sensors
  - Monitor the moister of the soil (wireless)
  - Web application includes (Database, UI) to control the system, and view data.
  - Python, C, PHP, JavaScript
- **Alarm Clock with FM Radio**   Oct 2017 - Dec 2017
  - AVR microcontrollers (ATMEGA 128, 48)
  - FM radio
  - Alarm with options to select the tone and volume control
  - Temperature indicator
  - LCD and 7-sigment display
  - Auto brightness control for the 7-sigment
- **Power Supply**   Sep 2016 - Dec 2016
  - 120VAC to DC
  - Two channels
  - Output 2V-15V
  - LCD Display