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

JUNE 2019 – DECEMBER 2019

Data Science Trainee / Saudi Digital Academy

SEPTEMBER 2018 – APRIL 2019

Software Developer / Enterprise Computing Services OSU, Corvallis

- Implementing APIs
- Implementing integration tests for APIs
- Building Docker containers
- Documenting API's and integration tests

Certifications

Data Science with Python / Simplilearn - 1293733 JUNE 2019

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

Data Science with R / Simplilearn - 1307926 JULY 2019

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

Skills

- **SAS**: Programming essentials, Macro, DataFlux, Data manipulation, SAS SQL, SAS Hadoop, HiveQL.
- **Web Development**: JavaScript, flask, PHP, SQL, React.
- **Researching Skills:** Senior design project.
- **Team Management**: Senior design project manager.
- **Programming Languages**: C++, Python, JavaScript, C.
- **Data Manipulation:** Python, SAS, R.
- **Data Visualization:** Python, R, Power BI.
- **GitHub:** Software Developer internship.

Projects

- **IOT Smart Greenhouse** September 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** October 2017 - December 2017
  - AVR microcontrollers (ATMEGA 128, 48).
  - FM radio.
  - Alarm with volume control and change the alarm tone options.
  - Temperature indicator.
  - LCD and 7-sigment display.
  - Auto brightness control for the 7-sigment.
  - Programmed with embedded C.
- **Power Supply** September 2016 - December 2016
  - 120VAC to DC.
  - Two channels.
  - Output 2V-15V.
  - LCD Display.