

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

Data Science Trainee / Saudi Digital Academy

Jun 2019 - Dec 2019

Software Developer / Enterprise Computing Services OSU

Sep 2018 - Apr 2019

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

Certifications

SAS Certified Big Data Professional Using SAS 9/ SAS

Dec 2019

- DataFlux
- SAS Statistical Analysis
- Hadoop

Data Science with Python / Simplilearn

Jun 2019

- Machine Learning
- Data Analytics
- Data Visualization

Data Science with R / Simplilearn

Jul 2019

- Machine Learning
- Data Analytics
- Data Visualization

Skills

- **SAS:** Programming essentials, Macro, DataFlux, Data manipulation, SAS SQL, SAS Hadoop, HiveQL, Pig.
- **Programming Languages:** C++, Python, JavaScript, C.
- **Apache Spark:** Cloudera Developer Training.
- **Cloudera Administrator:** Apache Hadoop.
- **Web Development:** JavaScript, flask, PHP, SQL, React.
- **Data Visualization:** Python, R, Power BI.

Projects

- **IOT Smart Greenhouse** Sep 2018 - May 2019
Built a system that automates tasks in a greenhouse, and collect sensors data to upload to a database.
 - Monitor the temperature and the moisture of the soil (wireless).
 - Web application includes (Database, UI) to control the system, and view data.
 - Control devices
 - Python, C, PHP, JavaScript.
- **Recommendation System STC Datathon** Dec 2019
Built a recommendation system for Jawwy TV – STC application, based on popularity, content, and collaborative filtering. In addition a user profiling prediction model (age, gender, and how many people using the account).
 - Machine learning
 - Data visualization
- **Covid-19 Data Analytics Challenge** Mar 2020
Wrote a report on the spread of coronavirus in Saudi Arabia by analyzing and visualizing multiple datasets.
 - Analysis
 - Data visualization
- **Saudi Arabia Covid19 Dashboard Scraping** Apr 2020
Built a program to scrape data from the MOH dashboard and post the data automatically on a google sheet which is connected to a website that creates analytics on Covid19 in Saudi Arabia (www.covid19ksa.com).
 - BeautifulSoup and Selenium
 - Automation, and using Google APIs