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
- Implementing integration tests for APIs
- Building Docker containers
- 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.
- **Apache Spark:** Cloudera Developer Training.
- **Web Development**: JavaScript, flask, PHP, SQL, React.
- **Programming Languages**: C++, Python, JavaScript, C.
- **Cloudera Administrator**: Apache Hadoop.
- **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 moister of the soil (wireless).
  - Control devices
  - Web application includes (Database, UI) to control the system, and view data.
  - 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

- **Data Classification**   Nov 2019
  Built a model to predict the type of a cuisine based on the ingredients.
  - Machine learning model (SVM, K-NN)
  - Data visualization

- **Regression Analysis**   Nov 2019
  Built a model to predict the fare of a taxi ride in NYC based on the pickup location (lan and lat), and the drop off location.
  - Machine learning model (Linear Regression)
  - Data visualization