

Ahmed Alnaim

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Objectives

Information & Data focused with analysis and Software programming skills. Enjoy focusing on Back-end and useful Machine learning implementations with Data Science uses.

Education

Arizona State University

B.S. in **Computer Information Systems** (2013 –2017)

B.S. in **Data Analytics** (2013 – 2017)

Graduated: August 2017 GPA: 3.12

Experience

Teaching Assistant for Data/Machine learning Boot Camp

UC Berkeley February 2018 – Present

- Tasked with guiding 30 students through Intensive problems and projects spanning a 6-month course.
- Topics includes: Adv. Excel, Python, JS, Html/CSS API, SQL, Tableau, Adv. Statistics, ML, R, Git/Github
- Grading weekly coding homework's with feedback To improve & guide students through problems solving.

Jr. Web Development & Data Analysis (Volunteer)

Crashpad LLC November 2017 – Present

- Tasked with creating a front-end and integrating a Booking system with various payment options.
- Data is frequently pulled in JSON to analyze visitors, Session lengths, clicks and bookings data.

Languages

English (Fluent), Arabic (Native)

Projects

Big Data text analytics:

Using AWS EC2 with Hadoop for analyzing all presidential inaugural addresses frequent words.

- Used **Pig** for scripting to access Map/R **Yarn** Most frequent words (Government, Country, Justice, ...) Visualized the data (**Tableau, PowerBI**).

AZ Coyotes NHL Foundation:

Group competition to build a total information system.

- A team project that centered on building website (**HTML/CSS, JS, PHP**) with bidding functionality, database (**MySQL, SQL**), back-end (**Node.js**) and a front-end for the management team of the foundation.

NBA Analytics 2014 -15 season project:

Research paper for capstone project.

- Data focused on the shooting stats of players in a season, Results used to evaluate hypotheses.
- Visualized many of the results with different packages in (**Python, API**).

Neural Network to determine credit risk:

Group Research Project using SAS E-Miner to decide customers outcome applying for credit line using NN Binary Classifier.

Python NLP:

NLP processing using NLTK package

- Used for sentence & word tokenize while using **Beautiful-Soup** to extract info from website.
- Applied **TF - IDF** with **PySpark** to document/text to calculate importance of a word in the collection.

Uber surge indicator:

Using Uber API to predict surges.

- Python (**Flask, Pandas, Matplotlib**) with Google maps API. Shows surge increase/decrease. Deployed to Heroku.

Skills

Languages: Python, C#, Java, JS, R

Frameworks: Node.js, Flask, Django

Front-End: HTML5, CSS3, React, jQuery, Bootstrap

Data: SQL (Mysql, Psql), NoSQL (MongoDB), Redis

Miscellaneous: Git, pip, Apt, npm, Homebrew, Linux, Scikit-learn, D3, API, Hive, OOP, Heroku, Keras