CONTACT

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Washington, D.C.

OMAR RAHEEM

As a data scientist, I enjoy the challenge of combing through data and applying models to discover patterns and relationships that inform decision making. While I believe in letting the data drive the conversation, I am always committed to finding the truth in the data. My years in hospitality inform my detail-oriented and client-focused approach. Merging my skills, client-responsiveness and energy with my passion for this field promise an outstanding work product in every undertaking.

Relevant Experience

2019–CURRENT

General Assembly in Washington, D.C.
DATA SCIENCE IMMERSIVE PROGRAM
Completed General Assembly's Data Science Immersive, which included over 500 hours of instruction and professional training. Utilized a hands-on approach to focused on real-world applications of Python, Data Mining, NLP, Supervised and Unsupervised Learning. Developed a portfolio of individually and collaboratively focused in-class projects using:

- MLB Predictor: Built a model using a neural net to find the most effect arm angle for MLB pitchers using Statcast Data, additionally used Bayesian methods to find the maximum a posteriori (MAP) for 3 MLB pitcher's ERA for the 2019 season. Also, made a player recommender that inputs one pitcher then returns 10 pitchers that have similar stats but have a cheaper contract.
- Ames Housing Data: Python to clean and sort Iowa Housing Data to build a model for finding real estate features to predict housing prices with 90% accuracy;
- Reddit NLP:Used Reddit's API to build a model to predict where comments from 2 subreddits originated using Natural Language Processing. The model can take in a whole passage of words and accurately say whether the words come from the r/AmericanDad feed or r/VentureBros..
- SiteVisit: Developed a web application built on Flask that reads the metadata from a photo to download the corresponding Google Street view image and the Zillow real estate info to fill out a FEMA disaster form.

Additional Experience

2010 – 2017

Park Hyatt Chicago
ASSISTANT FOOD AND BEVERAGE MANAGER
- Managerial responsibilities included collecting and presenting sales data for a multi-million dollar hotel, overseeing a staff of over 50, ensuring high quality and consistent customer service, developing seasonal cocktail menus and strengthening vendor relationships.
- Oversaw the day to day operations of NoMI Lounge and at the Park Hyatt Hotel in Chicago.

Dupont Circle Hotel, Washington, DC
HEAD BARTENDER

SKILLS

- Python
- Pandas
- Seaborn
- SKlearn
- Natural Language Processing (NLP)
- Machine Learning
- Statistical Analysis

EDUCATION

2019
Data Science Immersive Program
General Assembly
Washington, D.C.

2018
Google IT Support Certificate
Coursera

2001-2005
Howard University
Washington, D.C.

ADDITIONAL SKILLS

- Amazon Web Services
- Docker
- SQL
- Scala
- Flask