

oraheem@gmail.com  
248.915.8691  
orah82.github.io  
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 to inform decision making. I am to combine my detail-oriented and client-focused approach developed in 10 years in hospitality, detail-oriented and client-focused approach to deliver outstanding results consistently.

## Relevant Experience

*General Assembly in Washington, D.C.*

### DATA SCIENCE IMMERSIVE PROGRAM

Completed over 500 hours of instruction and professional training. Developed a portfolio of individually and collaboratively focused in-class projects using Python, Data Mining, NLP, Supervised and Unsupervised Learning, including:

- **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 who have similar stats but have a cheaper contract.
- **Ames Housing Data:** Used Python to clean and sort Iowa Housing Data and build a model for predicting housing prices based on real estate features, with 90% accuracy.
- **Reddit NLP:** Used Reddit's API and Natural Language Processing to build a model to predict the origin of comments from 2 subreddits. The model reviewed over 10,000 words to determine whether the words are from the r/AmericanDad feed or r/VentureBros feed.
- **SiteVisit for Disaster Relief:** 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

*Park Hyatt Chicago*

### ASSISTANT FOOD AND BEVERAGE MANAGER

- Managerial responsibilities included collecting and presenting quarterly and seasonal sales data for a multi-million dollar hotel to stake-holders
- Overseeing a staff of over 50, ensuring high quality and consistent customer service, developing seasonal cocktail menus and strengthening relationships with dozens of ventors in Chicago.
- Oversaw the day to day operations of NoMI Lounge and at the Park Hyatt Hotel in Chicago.

*Dupont Circle Hotel, Washington, D.C.*

### ASST MANAGER/HEAD BARTENDER

### SKILLS

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

### ADDITIONAL SKILLS

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

### EDUCATION

#### 2019

*Data Science Immersive Program*

**General Assembly**  
Washington, D.C.

#### 2018

*Google IT Support Certificate*

**Coursera**

#### 2001-2005

**Howard University**  
Washington, D.C.

**90+ credits**