

Omar Mirza

oxmirza@gmail.com | (646) 309-0343 | Queens, NY | omirza.com | github.com/axm2

EDUCATION

Queens College

B.A. Computer Science

May 2020

Queens, NY

- **Relevant Coursework:** Data Analytics, Machine Learning for Natural Language Processing

SKILLS

- **Programming Languages:** Python, SQL, Java, C++, Javascript, Rust
- **Frameworks / Libraries:** Node, Express, Flask, NumPy, scikit-learn, Selenium, OpenCV
- **Technologies / Databases:** Git, AWS, *nix, Windows, MySQL, MSSQL

EXPERIENCE

VP Records

Mar. 2018 – Aug. 2018

System Administrator Intern

Queens, NY

- Cleaned MSSQL database of entire history of record releases
- Redesigned website
 - Improved load times by 50% by removing unnecessary/outdated wordpress plugins
 - Added search functionality
 - Added spotify and youtube integration
 - Updated record releases to match entire record label discography
- Provided level 1 tech support to entire office staff

PROJECTS

Hotel Reservation Site

May 2020

Project Lead

- Delegated tasks to a group of 5 team members
- Set up online voice chat meetings to report progress
- Created backend API early to ensure front end team could work efficiently
- Set up Amazon RDS to provide team with unified database
- Site allowed users to search for hotels, create and cancel bookings, also allowed administrators to create new hotels
- Languages: Python (Flask), SQL (MySQL)

Data Analytics Final Project

May 2020

- Performed EDA on dataset of census income data (removed null values and outliers)
- Showed exploration of relationships, with plots and graphs
- Built and compared various models (linear regression, SVM, Random Forest, Decision Tree, Naive Bayes)
- Performed k-fold cross-validation
- Models predicted whether a person's salary was over or under 80k with 83-85% accuracy
- Language: Python (sklearn)

CUNY Class Notifier

Dec 2019

- Enabled students to obtain classes faster than competing services such as coursicle
- Over 100 views on project video
- Language: Python (selenium)