

Omar Mirza

oxmirza@gmail.com | (646) 309-0343 | New York, NY | [LinkedIn](#) | [GitHub](#) | [Website](#)

EDUCATION

B.A. Computer Science, Queens College, Queens, NY

2020

SKILLS

- **Programming Languages:** Python, SQL, Java, C++, JavaScript, Bash
- **Frameworks / Libraries:** Django, Flask, pandas, pytest, selenium, Google Ads API, The Trade Desk API
- **Technologies / Databases:** Git, AWS, Linux, Windows, MySQL, MSSQL, PostgreSQL

EXPERIENCE

HORIZON MEDIA, Remote

Jan 2022 –

Software Developer

- Developed and deployed Django application leveraging lambda functions to avoid on-prem hosting
- Maintained and developed internal libraries to streamline api calls to advertisers
- Maintained various tools using machine learning to alert clients of improperly served advertisements
- Used github actions to bring continuous integration to projects
- Simplified and normalized RDS hosted MySQL database and rewrote endpoint codes to make prototype production-ready

ESTEE LAUDER COMPANIES, Remote

Jun 2021 – Jan 2022

QA Test Automation Engineer

- Manual and automated test execution and development of B2B site using chromium dev tools, taiko, lambdatest, and saucelabs delegated through JIRA tickets in an agile team of 5

INFOSYS, Remote

Feb 2021 – Jan 2022

Associate Developer

- Certified Infosys Java Developer, Certified in Java, Angular and Spring frameworks

MILLER & COMPANY LLP, Queens, NY

Jul 2020 – Jan 2021

Information Technology Engineer

- Maintained and managed MSSQL-based tax records database performing bulk queries
- Developed Python scripts used for backup data management and data entry automation
- Created automated invoice building tool using Python and jinja2
- Independently provided software/hardware support to staff by identifying, researching and resolving problems

VP RECORDS, Queens, NY

Mar 2018 – Aug 2018

Intern

- Rebuilt [website](#)
 - Improved load times by 50% by identifying and removing unnecessary/outdated WordPress plugins
 - Updated website by importing backlog of releases from database
 - Designed and implemented pipeline to create new pages with Spotify and YouTube integration
- Cleaned MSSQL database of entire history of record releases removing duplicate, incomplete data

PROJECTS

[NYC Yellow Taxi Tip Prediction](#)

Jul 2020

- Collected, analyzed, cleansed raw data from over 21 million NYC taxi trips.
- Built linear model fit with stochastic gradient descent regression capable of predicting tip amount more accurately than naïve 15% assumption
- Language: Python (pandas, scikit-learn, NumPy, matplotlib, seaborn)