Omar Mirza

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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, Google Ads SDK, Facebook SDK, Trade Desk API
- **Technologies / Databases:** Git, AWS, Linux, Windows, MySQL, MSSQL, PostgreSQL

EXPERIENCE

HORIZON MEDIA, Remote   **Jan 2022 –**
Software Developer

- Worked with data scientists to build Django REST API utilizing polynomial regression to provide clients with accurate budget recommendations
  - Deployed using AWS ECS and Lambda
- Maintained and developed internal python libraries to streamline API calls to various advertising platforms
- Developed alerting tools used to alert advertisers of improperly served ads (wrong location, suspended campaigns)
- Pioneered github actions usage to bring automated testing, linting, and deployment to our team's products.
- Normalized RDS hosted MySQL database and rewrote queries using Django ORM to make prototype code 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

- 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

- Improved website load times by 50% by identifying and removing unnecessary/outdated WordPress plugins
- Designed and implemented pipeline to create pages with Spotify and YouTube integration from release database
- 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)