Mustafa Muhammad

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Education | www.linkedin.com/in/mustafa0001   https://github.com/MoMus2000

York University , Toronto - BA in Computer Science & **GPA: 3.8/4.0** - Expected: August 2022
Relevant Courses: Calc I, Calc II, Intro to Programming, DataStructures and Algorithms, OOP, Logic for CS, Software Tools, Computer Theory and Automata, Android Programming & Linear Algebra.

Work Experience

Bazaar Technologies, Software Engineering Intern   *July 2020 - December 2020*

- Redeveloped the login flow with 2 factor authentication via OTP. This consisted of front end development, integration of web api's and handling of customer information. Increased conversion rates by 15%.
- Designed a Slack Bot that queries our database for active users, total orders, GMV, AOV and order channels and compares records with values from the previous week, same time. The results are posted on slack every 15 minutes using AWS lambda functions. The Slack Bot has been essential in boosting overall office productivity by 10%.
- Implemented abandoned cart notifications (ACN). The ACN triggers when the order basket is left full after an hour of app use. Over 40% of ACNs sent have resulted in processed orders on the Bazaar android app.
- Engineered a Python Script that downloaded over 760 Images from our Shopify account, compressed them and sent a POST request to our Amazon S3 URL. An SQL file was generated accordingly. Script Execution completed in span of 15 minutes.
- Developed Web Apis using Spring Boot for product details and creating orders with Unit tests.

Projects

Web Scraper (Python + Asyncio + aiohttp)   *November 2020*

- Created a script to find a room smartly with lowest rent(s) in Toronto. Scrapes over 11000 listings asynchronously into a CSV file.

Dinder (Java + Android)   *September 2020*

- Android App mock based off of Tinder. Instead of Humans you swipe left or right for different breeds of dog.
- Used statistics libraries to show likes and dislikes and implemented FireBase to log events & crashes.

Image Repository (Python + Flask+ Firebase)   December *2020*

- Flask Backend with login, signup authentication, image upload and search.
- Image manipulation api's using flask & PIL, for resizing, contrast and grayscale.

Languages and Frameworks

Python - Frameworks+libraries - Tensorflow, Flask, Asyncio, BeautifulSoup, PIL, OpenCV
Java - Frameworks+libraries - JUNIT, Mockito, Android, SpringBoot, Hibernate
SQL - PostgreSQL & MySQL
HTML/CSS/Javascript/firebase - BootStraps, React, firestore, storage & realDB