Mahamud J Babu

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EDUCATION

Hunter College, *Computer Science & Mathematics*

09/2020 – 12/2022
New York,NY

SKILLS

Programming (*JavaScript, Python, C++17, Swift*)

Frameworks (*React, React-Native, Flutter, MatPlotLib, React-Router, SwiftUI, BeautifulSoup, NumPy, Pandas, Keras, Flask, MongoDB, AWS S3, Boto3*)

Academic Skills (*Web Development, OOP, API's, Big Data, Continuous Deployment, GitHub*)

Operating Systems (*Mac, Linux, Windows*)

PROFESSIONAL EXPERIENCE

Machine Learning & Data Engineer, *Auditive* ⧉

01/2018 – 06/2021
Bayside,NY

- Created a Python Script to route user input from Auditive app to s3 bucket.
- Built a CNN using Keras to detect various urban sounds with 80% accuracy.
- Built a route for AWS sound data to be tested by the neural network to detect what sound it is.

Hackathon Coordinator, *CUNY Startups*

08/2020 – 01/2021
New York, NY

- Lobbied large companies including Bloomberg and Google to financially support workshops.
- Led a team to build workshops to prepare future software engineers for future employment.

Math & Computer Science Tutor, *BMCC*

02/2020 – 06/2020
New York, NY

- Taught over 50 students Data Structures, and Calculus
- Lectured classrooms with dozens of students on basic Math concepts.

PROJECTS

FTP bank ⧉

05/2021 – 08/2021

- Implemented a login route from Flutter to MongoDB by using Flask
- Built a MongoDB database, that held user data and user transaction history.

Job Finder ⧉

05/2021 – 05/2021

- Built a messenger bot where users can talk to their phone and the bot will provide them 7 job listings near them.
- Used Web Scraping to provide users with jobs from the Indeed website.

StonkStash ⧉

08/2020 – 01/2021

- Lead a team of 4 to get StonkStash Deployed into the web.
- Built an application where StonkStash can get the balance sheet and stock ticker data using web scraping
- Designed StonkStash Architecture with popular Python and Javascript frameworks.