

Ishmam Fardin

+1 9293927254 | ishmamf2003@gmail.com | github.com/IshmamF | <https://www.linkedin.com/in/ishmam-fardin/>

EDUCATION

The City College of New York

New York, NY

Expected May 2025

- B.S. Major in Computer Science, Minor in Management and Administration
- Cumulative GPA: 3.5
- Relevant Coursework: Data Structures and Algorithms, Discrete Math, Intro to Computing (C++), Probability and Statistics, Engineering Economics, Calculus 3, Linear Algebra, Intro to Blockchain

SKILLS

Programming Languages:

Python, C++, Javascript, HTML/CSS

Technologies:

Tensorflow, Numpy, Matplotlib, Pandas, pySerial, SocketIO, Git, Github

EXPERIENCE

CUNY Tech Prep | New York, NY

August 2023 - Present

Fellow, Data Science

- Partake in weekly courses to learn industry best practices for exploratory data analysis (EDA) using **Jupyter Notebooks, Pandas, Numpy, Scikit-learn, and SQL**

Louis Stokes Alliances for Minority Participation | New York, NY

March 2023 - August 2023

Research Intern

- Utilized machine learning to prognose Alzheimer's disease in patient data sets accurately (**Numpy, Pandas**)
- Trained and fine-tuned a **Tensorflow** model until accuracy of predicting the slope of cognition decline improved from an average percent error of 121.54% to 18.8% as measured by a "Leave One Out Cross Validation" script
- Wrote and presented an extensive research paper that included visualized results to more than 5 engineers (**Matplotlib, TexStudio**)

Algorand Summer Research Institute | New York, NY

June 2023 - June 2023

Research Intern

- Created private Ethereum blockchain, and multiple nodes within it that worked together to mine Ethereum
- Generated, distributed, and traded a token/asset on the Algorand network automatically using **Python**
- Brainstormed and researched a solution that utilized blockchain to solve a supply chain issue

RF CUNY | New York, NY

May 2023 - May 2023

Intern

- Programmed drones to fly towards a jammer autonomously by implementing a **Python** script that connects to a Lora device and distinguishes between a Lora device and a GPS device across 10 drones (**subprocess, pySerial**)

PROJECTS

The Arts & Tech Hackathon (PicSymphony) | <https://github.com/BaljinderHothi/CTP-Hackathon>

A global canvas on the web where multiple clients can contribute their images simultaneously (**MongoDB, SocketIO, JQuery**)

Internship Monitor Discord Bot | <https://github.com/IshmamF/Internship-Discord-Monitor>

A discord bot that notifies with new internship postings by monitoring a Github readme containing said data (**Python**)

Movie Rating Analysis | <https://github.com/IshmamF/Movie-Rating-Analysis>

Analysis and report on the trends in 20,000,000+ movie ratings and 58,000+ movies with rendered graphs using **Matplotlib, Numpy, and Pandas** in collaboration with another person via VSCode Live Share

LEADERSHIP

Live Proxies & Servers Inc. | Remote Site

January 2021 - Present

- Manage a team of 6 staff members and made sure a server with 20,000+ members on Discord runs smoothly