

Michael Shiwbaran
3433 Dekalb Avenue ▪ Bronx, NY 10467 ▪ Cell: 347-367-3984 ▪ michaelshiwbaran2@gmail.com

EDUCATION

College Education

CUNY Hunter College, New York, NY

Class of 2025

Current GPA: 3.7/4.0 - Pursuing Bachelors of Computer Science and Bachelors of Mathematics

WORK EXPERIENCE

Better.com - Digital Mortgage Platform, Intern

Fall/Winter of 2021

- Spearheaded a project with the Fulfillment Operations team to analyze large data structures in regards to defaulted home loans and output them into a readable format, influencing working standards going forward
- Collaborate cross-functionally with multiple teams to build my communication skills and act as the liaison for shared information
- Experience with troubleshooting complex issues related to loan fulfillment in order to provide a speedy resolution

Tech Flex Leader - America On Tech, Inc., Fellow

September 2020 - May 2021

- Participated in weekly technology classes and received 160 hours of coding training utilizing HTML, CSS, JavaScript, Repl.it, and Bootstrap
- Paired with technology mentors and professionals that focused on college and career readiness skills
- Created 5-6 websites coded using CSS, HTML, and Bootstrap
- Employed javascript coding to create a calculator application from scratch

Data Science Fellowship - America On Tech, Inc., Fellow

October 2022 - December 2022

- Participated in weekly technology classes and received 160 hours of coding training utilizing Python, Anaconda, and Jupyter Notebooks
- Paired with technology mentors and professionals that focused on college and career readiness skills as well as trained using accenture modules in Cloud, DevOps, and Cyber Security careers, and Big Data overview
- Completed multiple assignments testing our knowledge of Python, Anaconda, and Jupyter Notebooks
- Completed and presented a group project (3-4 people) on a comprehensive portfolio of deliverables plus a project prototype using Python and Jupyter Notebooks, and data visualization and optimization

PROJECTS

Rock, Paper, Scissors Game: <https://rock-paper-scissors-project.michaelshi24.repl.co/> - Uses HTML, CSS, and JavaScript to create a website where you can play rock paper scissors against the computer.

Piece of Advice Project: <https://advice-project.michaelshi24.repl.co/> - Uses HTML, CSS, and JavaScript to give someone a randomly generated piece of advice that's taken from another website and displayed in this one.

High-Low Game Project: <https://high-low-game.michaelshi24.repl.co/> - Uses HTML, CSS, and JavaScript to create a website that allows the user to play a game where they guess a number from 1-20 and see if they guessed correctly.

Backend Social Media Project: <https://replit.com/@MichaelShi24/Social-Media-Project?v=1> - Used C++ to design a functional backend for a social media website where a user can create a username, password, and share posts with dates for when it was posted.

SKILLS

Coding Languages: HTML, CSS, Python, Machine Learning, C++, C# - *Utilized HTML and CSS for website design Python for solving logical expressions and organizing data. Machine Language to execute simple strings and loops. C++ for generating images using loops, computing values from user inputs, and generating and computing arrays and vectors. Self-taught beginner level C# to add basic movement and logic for a video game in Unity engine.*

I.T Management: Windows, Linux, Hardware - *Took the Google Certificate Course for I.T Management and can troubleshoot various issues using the command prompts on Windows and Linux. Can replace hardware or build computers from scratch.*

Math: Statistics & Calculus - *Used in logical expressions as well as calculating means and averages*

Basic Debugging / Troubleshooting - *Used Python's debugger to find errors in code and worked through various solutions*

Data Analysis - *Used Python to parse rainfall data of various cities to output averages for school project*

Google Suite - *Proficient in Sheets, Docs, and Drive for cloud-based storage and collaborative efforts*

Problem Solving - *Built my first computer one component at a time and troubleshoot arising hardware issues*