

Giorgi Samushia

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Bronx, NY 10463

EDUCATION

Manhattan College, New York, NY, GPA: 3.86 August 2019 - May 2023
Bachelor of Science in Computer Science, Phi Beta Kappa, Magna Cum Laude, Epsilon Sigma Pi, Dean's List

RELEVANT COURSEWORK

Data Structures & Algorithms, Database Systems I, Operating Systems, Computer Organization, Systems Programming, Object Oriented Design with Java, Computer Networks, Software Engineering, Web Programming, Data Mining, Cloud Computing & Virtualization, Python Programming, Artificial Intelligence

ACADEMIC PROJECTS

License Plate Recognition System github.com/umasshia/capstone-backend January 2023 - May 2023

- Developed a full-stack application using React for the frontend, Node.js for the backend, and a MySQL database.
- Created a Python script to detect motion from a camera feed and perform license plate recognition on the detected frame.
- Utilized the backend to check license plates against the database and send information to the frontend.
- Designed the frontend to display database tables and logs of car entry/exit, allowing users to search tables using different variables.
- Implemented Scrum methodology throughout the project, conducting regular sprint meetings and ensuring timely delivery of high-quality software.

EXPERIENCE

Democracy at Work New York, NY May 2023 - Present

Creative Technology Specialist

- Maintain and remodel the company website using Nationbuilder, ensuring accurate and up-to-date content using HTML, CSS, JavaScript.
- Design and customize a new company website on Squarespace, incorporating code injection and integrating third-party APIs.
- Provide technical support and effectively troubleshoot website issues to ensure seamless functionality.
- Collaborate with the supervisor to address day-to-day technology challenges and implement solutions.

Manhattan College Riverdale, NY August 2022 - May 2023

Center for Academic Success, Tutor

- Guided training in courses including Object-oriented Design in Java, Web Programming, Systems Programming, Calculus, and Computational Linear Algebra for Computer Scientists.
- Trained students in languages such as C++, Java, HTML, CSS, PHP, MATLAB.

Manhattan College Riverdale, NY June 2022 - October 2022

School of Science, Research Scholar

- Created virtual machines employing shell scripting in a Linux environment.
- Tested hardware performance on the machines utilizing various computer programs.
- Monitored system calls made by the applications and identified patterns in them.
- Developed an AWK script that predicted the application types through observation of the collected system call patterns.

SKILLS

Languages: C, C++, Java, Python, R, Bash, AWK, HTML, CSS, JavaScript, TypeScript, MATLAB

Frameworks: React.js, Hibernate

Databases: MySQL, NoSQL, SQL Server, SQLite

Cloud Services: AWS, Firebase

Other: Node.js, JSON, REST APIs, VMs, Git