

# Giorgi Samushia

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Bronx, NY 10463

## EDUCATION

**Manhattan College**, New York, NY, GPA: 3.89 August 2019 - May 2023  
Bachelor of Science in Computer Science, Dean's List, Phi Beta Kappa, Epsilon Sigma Pi

## 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

**Film Database Website** [github.com/umasshia/react-film-database](https://github.com/umasshia/react-film-database) September 2022 - December 2022

- Developed a web-based movie database using React, JavaScript, HTML, and CSS.
- Implemented user authentication and data storage using Firebase.
- Designed a user-friendly interface that allows users to explore films and manage their watchlists.
- Maintained proper documentation throughout the development process.

**VSCode Portfolio Website** [github.com/umasshia/portfolio](https://github.com/umasshia/portfolio) December 2022 - April 2023

- Designed and developed a visually appealing and interactive portfolio website that replicates the look and feel of the VSCode code editor.
- Leveraged modern front-end technologies, including React, TypeScript, HTML, and CSS, to build a responsive and user-friendly website that delivers a seamless user experience.
- Integrated the Github API to showcase my personal repositories on the website, enabling visitors to view and explore my code projects.

## EXPERIENCE

**Manhattan College** Riverdale, NY August 2022 - Present  
*Center for Academic Success, Tutor*

- Guide training in courses including Object-oriented Design in Java, Web Programming, Systems Programming, Calculus, and Computational Linear Algebra for Computer Scientists
- Train 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++, C#, Java, Python, R, Bash, AWK, HTML, CSS, JavaScript, TypeScript, MATLAB

**Frameworks:** React.js, Hibernate, Entity Framework, .NET

**Databases:** MySQL, NoSQL, SQL Server

**Cloud Services:** AWS, Firebase, Microsoft Azure

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