

# Giorgi Samushia

[giorgisamu.gs@gmail.com](mailto:giorgisamu.gs@gmail.com)

Bronx, NY 10463

[github.com/umasshia](https://github.com/umasshia)

## INTRODUCTION

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A top-performing undergraduate student pursuing Computer Science and Mathematics degree: 3.9 GPA; Dean's List all semesters.

I am a goal-oriented developer with a successful experience of product engineering. Being a problem solving enthusiast made me develop a passion for challenging projects which is why I am currently looking for a full-time job in a thriving environment where I can enhance my skills and create products that matter.

## EMPLOYMENT & RESEARCH

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**Manhattan College** Riverdale, NY,

June 2022 - October 2022

*School of Science, Research Scholar*

- Created virtual machines employing shell scripting in a Linux environment.
- Developed an AWK script that predicted the application types through observation of the collected system call patterns.
- Throughout the project tested hardware performance on the machines utilizing various benchmark applications. Collected system calls from the application with the strace utility that were used in the script development.

**Manhattan College** Riverdale, NY

August 2022 - Present

*Center for Academic Success, Tutor*

- Conduct 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.

## EDUCATION

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**Manhattan College**, New York, NY

Candidate for Bachelor of Science in Computer Science, May 2023

GPA:3.90, Dean's List, Epsilon Sigma Pi Society

## TECHNICAL EXPERIENCE

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[Film Database Website](#)

Fall 2022

- Designed a web-based movie database that allows users to explore media, create an account and keep track of their watchlists.
- Utilized the React framework to create the website. Coded the application using JavaScript, HTML, CSS. Data storage and user authentication was handled using Firebase.

[Twitter Sentiment Analysis](#)

Spring 2022

- Extracted a substantial amount of tweets relating to an artist's new release utilizing R and the Twitter API.
- Applied five different types of analysis on retrieved data, including frequency of tweets over various time intervals, the distinct hashtags used in the tweets, and their locations.
- Sentiment analysis was run on the tweets, characterizing the public reaction to the artist's release

## SKILLS

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**Languages & Frameworks:** C++, Java, JavaScript, TypeScript, R, Bash, AWK, HTML5, PHP, CSS, MATLAB, Shell, Python, C, React

**Databases:** MySQL, Firebase

**Other:** Amazon Web Services (EC2), APIs, Virtual Machines (VMs)