Giorgi Samushia

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Bronx, NY 10463

EDUCATION

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

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

ACADEMIC PROJECTS

Film Database Website   *github.com/umasshia/cmpt456-moviedb*   September 2022 - December 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 *github.com/umasshia/twitter-sentiment-analysis-r*   January 2022 - May 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

EMPLOYMENT & RESEARCH

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.

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.
- 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.

Carera Ltd. Tbilisi, Georgia   June 2021-August 2021
Delivery Services
- Distributed goods from a central warehouse to stores across a city.
- Listened to and resolved customers' complaints regarding products or services.

SKILLS

Languages & Frameworks: C++, Java, JavaScript, TypeScript, R, Bash, AWK, HTML5, PHP, CSS, MATLAB, Shell, Python, C, React, SQL, noSQL
Databases: mySQL, Firebase
Other: Amazon Web Services (EC2), APIs, Virtual Machines (VMs)