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, 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, Python Programming, Artificial Intelligence

ACADEMIC PROJECTS

Film Database Website   *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.

Twitter Sentiment Analysis *github.com/umasshia/twitter-sentiment-analysis-r*   January 2022 - May 2022
- Utilized R and the Twitter API to gather 5000+ data points about an artist's new release.
- Conducted comprehensive data analysis on the retrieved tweets, including: time-based frequency analysis of tweets, identification of distinct hashtags and their usage, geolocation analysis of tweet origin
- Analyzed the sentiment of retrieved information to assess public reaction to the release.

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.

Carera Ltd. Tbilisi, Georgia   June 2021-August 2021
Delivery Services
- Distributed goods from a central warehouse to 6 company branches in Tbilisi.
- Listened to and resolved customers' complaints regarding products or services.

SKILLS

Programming 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, APIs, VMs, Git