Giorgi Samushia

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INTRODUCTION

A top-performing undergraduate student pursuing a Computer Science degree with a minor in Mathematics.
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

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

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

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

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)