Simon Blamo

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EDUCATION

The College of New Jersey (TCNJ) | Ewing, NJ   Expect Graduation Dec 2024
- Bachelor of Science in Computer Science (CGPA: 3.3/4.0).
- Undergraduate Coursework: Statistical Inference; Comp. Architecture; Algorithm Analysis; Database Systems; Operating Systems; Computer Networking; Software Engineering; Information Security;

Mercer County Community College (MCCC) |West Windsor, NJ   Jan 2019 - Dec 2021
- Associate of Science in Liberal Arts and Sciences, December 2021 (CGPA: 3.2/4.0).
- Undergraduate Coursework: Calculus I-III.

TECHNICAL SKILLS

Languages: Java, C, C++, C#, Python, HTML, CSS, JavaScript.
Frameworks & Libraries: Node.js, Express.js, Flask, Django, Mongoose, React, React Native, Jest, Bootstrap, Tailwind.
Databases: MongoDB, MySQL, PostgreSQL, SQLite.
Technology: APIs, Git, Github, Microsoft 365, Visual Studio, Figma, Unix, Linux, MacOS, Windows

PROFESSIONAL EXPERIENCE & PROJECTS

Information Technology Help Desk Support Specialist   Oct 2022 - Current
TCNJ | Ewing, NJ
- Provided comprehensive technical support to a diverse user base of students, faculty, and staff.
- Entrusted with training new hires and served as the primary consultant at the help desk, enhancing team competency.
- Utilized a ticketing system to track reported issues. Have closed 325+ tickets and counting during my tenure.

HALO | Team of 5 | DHTML, Bootstrap, Django, PostgreSQL Database, AWS, Sendgrid API, Git (Github)   Present
- Currently maintaining application developed to alleviate hackathon operations hosted at TCNJ.
- Uses ranged from handling registration to participant and organizer management.
- Application historically has served 200+ users and counting.

Amazon Web Scraper & Review Analysis | Team of 2 | Python, Selenium, Git (Github)   Nov 2023
- Gained hands-on expertise in machine learning development with the use of Selenium Webdriver.
- Applied advanced techniques to assess customer bias according to user-defined parameters.
- Attained a nuanced understanding of automated web scraping and analysis.

Virtual Memory Manager | Team of 2 | C, Linux (Github)   Nov 2023
- Designed and implemented a Virtual Memory Manager in C.
- Featured a TLB and page table for logical-to-physical address translation in a 65,536-byte virtual address space.
- Gained strong skills in systems programming, memory management, and optimization.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Diversity & Inclusion Group In Tech for All | Web Master (Website)   Sept 2023 - Current
- I have the responsibility to handle/maintain all web development projects for TCNJ's university organization.
- During development, frequently had scrum-like meetings with the organization's president.
- Reconstructed the organization's website from the ground up, using HTML, Tailwind CSS, and JS.

HACKTCNJ| Web Master (Website)   Sept 2023 - Current
- Elected to maintain legacy application developed by the CS Department alumni.
- Currently making cohesive documentation for the legacy application.
- While in this position, I am gaining more experience with database management, building systems, and software development.

Association for Computer Machinery | Active Member   Sept 2022
Association of Students for Africa | Active Member   Sept 2022
National Society of Black Engineers | Active Member   Apr 2023

AWARDS & CERTIFICATIONS

Dean's List | MCCC | West Windsor, NJ   Spring 2021
Introduction to Front-End Development | Meta   Jul 2023
Python Essentials I | CISCO   Nov 2023