Simon Blamo

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EDUCATION

The College of New Jersey (TCNJ) | Ewing, NJ — Dec 2024
- Bachelor of Science in Computer Science (GPA: 3.54/4.00).

Mercer County Community College (MCCC) | West Windsor, NJ — Dec 2021
- Associate of Science in Liberal Arts and Sciences (GPA: 3.20/4.00).

TECHNICAL SKILLS

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

PROFESSIONAL EXPERIENCE & PROJECTS

Information Technology Help Desk Support Specialist | TCNJ | Ewing, NJ — Oct 2022 - Present
- 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) — Feb 2024
- Currently maintaining this application developed to alleviate hackathon operations hosted at TCNJ.
- Uses range from handling registration to participant and organizer management.
- Application historically has served 300+ 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.
- Analyzed over 100+ product reviews across diverse categories, showcasing the tool's scalability and robustness.
- Applied advanced techniques to assess customer bias according to user-defined parameters.

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.
- Accurately translated 16-bit logical addresses, processing over 950+ translations in testing.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Diversity & Inclusion Group In Tech for All (DIGIT.ALL) | Web Master (Website) — Sep 2023 - Present
- Have the responsibility to handle/maintain all web development projects for the DIGIT.All organization.
- During development, frequently had scrum-like meetings with the organization's president.

HACKTCNJ | Director of Technology (Website) — Sep 2023 - Feb 2024
- Elected to e-board responsible for organizing TCNJ's annual hackathon.
- Was responsible for maintaining legacy application developed by TCNJ's CS Department alum.
- Making cohesive documentation for the legacy application.

Association for Computer Machinery | TCNJ | Active Member — Sep 2022
National Society of Black Engineers | TCNJ | Active Member — Apr 2023

AWARDS & CERTIFICATIONS

Dean's List | TCNJ | Ewing, NJ — Fall 2023
Dean's List | MCCC | West Windsor, NJ — Spring 2021
Front-End Developer Professional | Meta | Coursera — Aug 2023
- Certificate encompassed HTML, CSS, & JS Fundamentals, React, etc.

Back-End Developer Professional | Meta | Coursera — Dec 2023
- Certificate encompassed Python Fundamentals (OOP, Testing, etc.), Django, API development, etc.

DevOps, Cloud, and Agile Foundations | IBM | Coursera — Dec 2023