

SALEEM LAWAL

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EDUCATION

Bachelor of Science in Computer Science, University of Maryland Baltimore County May 2025
Minor in Information Systems, **GPA**: 3.9/4.0

Relevant Coursework: Data Structures and Algorithms, Programming Languages, Computer Assembly, Object Oriented Programming, Discrete Math, Linear Algebra

Awards: President's List: Spring 2024, Spring 2022, Fall 2023. Dean's List: Fall 2021, Spring 2023

SKILLS

Technical Skills: Python, C++, Java, C, HTML, CSS, JavaScript, TypeScript

Frameworks: Spring Boot, React, Node.js, Express.js, Bootstrap, Tailwind, Pandas, Django, Flask

Tools and Platforms: Vite, Webpack, MongoDB

EXPERIENCE

Software Engineer Intern | *J.P. Morgan Chase* June 2024

- Transitioning a firm-wide metadata storage tool from Angular to React TypeScript to enhance user experience and performance.
- Implementing backend services using Java Spring Boot and deploying applications on Amazon AWS, ensuring seamless data integration, reliability, and scalability.
- Developing and integrating new features to improve the tool's effectiveness and usability across all lines of business.

ASC Student Attendant | *UMBC Academic Success Center* September 2023 - Present

- Managed appointments, organized schedules, and ensured resource availability for smooth Academic Success Center operations, Helped students with personalized academic support, creating a supportive learning environment for their success.

Horizontal Construction Engineer | *Maryland National Guard* February 2022 - Present

- Perform combat engineer missions involving construction, demolition, and obstacle clearance.
- Demonstrate adaptability and problem-solving skills in high-pressure environments.

Math Tutor | *Volunteer* November 2023 - November 2023

- Mentored high school students from diverse backgrounds in math, building a supportive environment that focused not only on academic subjects but also on building problem-solving skills.

Student IT Specialist | *UMBC Enrollment Management* September 2021 - May 2022

- Provided prompt technical support and troubleshooting assistance to the Office of Enrollment Management staff via email and chat.
- Managed equipment inventory, ensuring availability and accurate tracking of laptops.

PROJECTS

Code For Good - JP Morgan | *Python, HTML, CSS, JavaScript, Typescript* October 2023

- Developed a web app using Python (Flask), HTML, CSS, JavaScript, and TypeScript to streamline volunteer management for the American Council of the Blind.
- Automated the process of curating volunteers, merging data from Google Forms into a single, accessible spreadsheet for the visually impaired ACB team. Our solution won the hackathon among 15 competing projects.

Word Occurrence Counter | *C++* December 2022 - January 2023

- Designed an efficient C++ project using a Linked List to parse text and track word frequencies, with data visualization using bar charts.
- Added an export feature for results to support integration with other applications.

Flight Deal Tracker | *Python, Kiwi API* May 2022 - August 2022

- Created a personalized flight deal tracker using Google Sheets API and Tequila Flight Search API.
- Implemented SMS notifications via Twilio API for deals below user-specified prices.