

MICHAEL OLUBODE

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EDUCATION

University of Maryland Eastern Shore

August 2021 – May 2025

Bachelor of Science in Computer Science

Relevant Courses: Data Structure and Algorithms, Software Engineering, Software Testing, Assembly Language, Java, Internet Programming, Database Management, Computer Architecture

Cumulative GPA: 3.50

EXPERIENCE

Undergraduate Research Assistant

August 2023 – Present

University of Maryland Easter Shore

- Conducted experiments and data collection to validate hypotheses, utilizing programming languages such as C++, Java, and React, for various research projects.
- Employed C++, Java, and React for advanced data analysis, resulting in specific, data-driven insights and innovations, thus enhancing decision-making processes and project outcomes.
- Delivered compelling presentations on our research findings at renowned computer science conferences, receiving accolades and recognition from peers and experts in the field.

RainMedia Agency

May 2023 – August 2023

Remote

- Developed interactive web applications using React.js, PostgreSQL, and Docker to analyze GitHub data, fostering enhanced user engagement and experience.
- Successfully contributed over 37,000 lines of code to an established codebase, showcasing a steadfast dedication to project development, fostering collaboration, and driving impactful results.
- Successfully translated a Figma design project into a fully functional web application, demonstrating proficiency in UI/UX implementation and front-end development.

PROJECTS

Rent-Wheels-Online | React, Node.js, PostgreSQL, Docker.

- Created a full-stack car rental web app with user authentication, vehicle listing, and reservation features, demonstrating proficiency in both front-end and back-end development.
- Role: Full-stack developer responsible for coding, database management, and user authentication.
- Key Features: User registration and login, vehicle listing and details, reservation system.
- Achievements: Increased user engagement and streamlined the vehicle rental process.

ACTIVITIES AND AWARDS

MATH CLINIC

August 2022 – Present

Math department (University of Maryland Eastern Shore)

- During study session, I facilitate student learning by conducting interactive sessions and offering personalized support to address any challenges students may encounter with math problems or concepts.

2024 AMIE Design Challenge

- Participated in a design challenge centered on algorithmic bias, targeting Uber's facial recognition algorithm.
- Spearheaded the design of an advanced facial verification system utilizing Near-Infrared technology to enhance accuracy and verification app to work seamlessly with NIR dash cameras, ensuring a robust two steps authentication process.
- Award 1st place for the comprehensive approach to addressing algorithmic bias, showcasing the ability to devise effective solution to complex challenge within the AI domain.

TECHNICAL SKILLS

Language: Java, Python, C++, JavaScript, HTML/CSS, SQL, SWIFT

Framework: React, Node.js, Express.js, WordPress, Material-Ui, FastAPI

Developer Tools: Git, Docker, Google Cloud Platform, Visual studio Code, Linux, Eclipse, VirtualBox, Ubuntu