MICHAEL OLUBODE

Landover Maryland, USA

240-459-4720 | moolubode3@gmail.com | [LinkedIn](#)| [GitHub](#)

EDUCATION

University of Maryland Eastern Shore
*Augus**t** 2021 – May 202**5***

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

IOS Developer *January 2024 – Present*

University of Maryland Easter Shore

- Spearheaded the full-stack development of an iOS mental health platform, secured by an Apple innovation grant, leveraging Swift, Xcode, and Firebase for robust authentication and Firestore for real-time encrypted messaging.
- Engineered and optimized the application's architecture for high performance and scalability, employing unit and integration testing frameworks to ensure fault tolerance and seamless user interactions.
- Authored detailed technical docs and used Final Cut and Lucid Charts for README videos and app flow diagrams, boosting developer handoff and user insight.

Software Developer Intern *May 2023 – August 2023*

RainMedia Agency, 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 **Augus**t 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, UIKit, SwiftUi,
Developer Tools: Git, Docker, Google Firebase, Visual studio Code, Linux, Eclipse, VirtualBox, Ubuntu