Omobobola Ikotun

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Experience

The Ephraim Foundation International
Software Developer Intern   *Aug 2023 - Current*

- Developing cross-platform mobile applications using Flutter to achieve seamless design and functionality between iOS and Android devices.
- Utilizing Java and Swift to create native modules, enhancing app performance and user experience on Android and iOS platforms.
- Spearheading full-stack web application development, integrating responsive design and robust APIs.

Xcel Energy   *Minneapolis, MN*
System Protection Engineer Intern   *Dec 2022 - Current*

- Developing secure applications with Python and C++, strengthening software integrity.
- Employing SQL to model power system components and drive capital projects to completion.
- Providing weekly updates to leadership, ensuring clear communication of project timelines.

Association for Computing Machinery, UMD
Software Engineer   *Jan 2022 - Jul 2022*

- Collaborated closely with project leaders to design, implement, test, debug, and meticulously document application code modifications, ensuring alignment with project goals and technical requirements.
- Engaged proactively in daily stand-up meetings, sprint planning sessions, and code reviews, contributing valuable insights to accelerate project milestones.
- Played a crucial role in architecting and implementing automated tests, seamlessly integrating them into the CI/CD pipeline to enhance code quality and expedite release cycles.
- Conducted in-depth application performance monitoring and fine-tuning, optimizing for efficiency and scalability, leading to a significantly improved end-user experience. Exhibited a strong commitment to quality and teamwork, effectively navigating the complexities of a fast-paced software development landscape to consistently deliver high-performance solutions.

Projects

Health-care Application (2023):
Users can book labs, find doctors, and read health articles. Built with Android Studio, Java, and SQL.

Stress-Free Application (2022):
Designed to mitigate stress and promote healthy coping strategies. Developed in Java.

Problem Solver(2022):
Designed and developed a sophisticated Android app featuring advanced algorithmic techniques, including DFS, BFS, Greedy, and A*, thereby enabling users to effortlessly tackle complex optimization challenges through an intuitive user interface, highlighting my prowess in algorithmic problem-solving.

Hotel Management System (2021):
Tracks room availability and manages customer orders. Built with C++.

Sorting Algorithm Visualizer (2023):
A tool for understanding algorithm mechanics and performance. Developed in React JS.

Education

University of Minnesota   *Duluth, MN*
Bachelor of Science: Computer Science   *May 2024*

- Minor in Mathematics.
- Relevant Coursework:Operating Systems, Databases, Algorithms, Programming Languages, Computer Architecture, Engineering Entrepreneurship, Calculus II, Android Development, Embedded Programming.

Skills

- Java
- Flutter/Dart
- Objective-C
- SQL
- Dart
- Microsoft SQL Server
- Interface Builder
- Git
- Agile
- C++/C#
- Javascript & HTML/CSS
- NET
- Swift
- Visual Studio
- Xcode
- Android Studio
- GitLab

Links

Github: hhttps://github.com/Omobobolaiko