Lewi Anamo

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EDUCATION

Michigan State University, Honors College   Aug. 2022 – May 2026
Bachelor of Science in Computer Science, GPA: 3.8   *East Lansing, MI*

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, HTML, CSS, Dart, TypeScript, SQL, Golang
Technologies: Flutter, Django, Firebase, Git, React.Js, MongoDB, AWS, FastAPI, Express.Js
Concepts: Date Structures and Algorithms, Object-Oriented Programming, Mobile and Full stack Development

EXPERIENCE

Incoming Systems & Defense Computer Engineering Intern   Jan. 2025 – May 2025
GE Aerospace   *Grand Rapids, MI*
- Contributing to the development of engines and systems surrounding flight through coding, software testing, writing software requirements, testing, and other methods to produce products safe for production.

Back-end Engineer   May 2024 - Present
DayDream Technologies   *Remote Work*
- Designed and developed RESTful APIs with **FastAPI** to support front-end functionality, as well as integrated a **NoSQL** database using **AWS** to support backend service while ensuring data integrity.
- Collaborated with cross-functional teams to gather requirements, design technical solutions, and improve overall system performance. Additionally, troubleshooting and resolving back-end issues for a smooth application.

Software Developer   Jan. 2024 - Present
MSU Imagine Software: RecycleMe Project   *Remote Work*
- Utilized **Flutter** and **Firebase** to design and develop a mobile application to accurately identify recyclable and contaminated materials, ensuring a seamless user-friendly, and functional app.
- Implemented algorithms and real-time database management strategies through testing and debugging to ensure app reliability and performance. As well as developed a secure login and registration processes using industry-standard **Firebase** encryption techniques to enhance security and protect user data.

Software Developer   Sept. 2023 – Apr. 2024
MSU Solar Racing Team   *East Lansing, MI*
- Implemented embedded software systems using a **Teensy** microcontroller and **CAN** bus communication system, enhancing device connectivity and real-time data transfer while conducting thorough testing and debugging.
- Coordinated with multidisciplinary teams to align software development with hardware requirements, optimizing overall vehicle performance. Providing reliable data exchange between car systems and servers.

PROJECTS

true. : UC Berkeley Hackathon | Next.JS, FastAPI, You.com LLMs, Postman   Jun. 2024 – Jun. 2024
- Utilized **Next.js**, **FastAPI**, and **You.com LLM API** to develop a fact-checking application. Implemented real-time querying with You.com to generate answers and source references for further source validation.
- Achieved a high level of accuracy in fact-checking through cross-referencing sources. Ensured trustworthiness in an age where social media has caused mass misinformation and users have trouble verifying true information.

EcoSphere Explorer: SpartaHack 9 Winner | HTML, CSS, JavaScript, Flutter   Jan. 2024 – Jan. 2024
- Won best Alternative Sustainability Hack award by developing a **Flutter** game and an informative web page.
- Allowed users to make interactive choices across rural and urban landscapes, informing side effects of actions

Task Manager | Golang, React, TypeScript, MongoDB Atlas   Jan. 2024 – Jan. 2024
- Developed a task managing app using React and TypeScript (frontend), using Golang and MongoDB (backend)
- Integrated RESTful APIs and testing API correctness for performance using Postman, resulting in a reliable app.