Jesutofunmi Obimakinde

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github.com/joopixel1/ | lekan-jt.me

EDUCATION

BE, Computer Engineering, Iowa State University **01 2022 — 12 2025**

- **GPA 3.9, Class of Honors**

WORK EXPERIENCE

Part-time Full-Stack Web Developer **Jan 2023 - now**
Iowa State University ***Ames, IA***

- **Write and update code using MySQL, PHP, JavaScript, and React to maintain both the front-end and back-end, with Express and Lavarel, of Iowa State University's official Student Financial Aid website and Student Financial Aid database.**
- **Work with a team of developers to enforce quality control of the site, such as debugging and testing, as well as frequent additions of new features.**

Student worker **01 2022 - 06 2022**
Iowa State University TechCyte ***Mountain View, CA***

- **Actively listened to customers to understand exactly what they needed**
- **Communicated boldly, efficiently, and multimodally with team members.**

CLUB

Software Member **08 2022 — now**
PrISUm Solar Car Club ***Ames, IA***

- **Wrote software for a new compute tester board made to test compute boards used in the car. Wrote tests for the PORTS, CAN, and ADC in SAMD microcontrollers in C.**
- **Helped the team to solder the new playground boards made with Altium using the schematics. These boards were for helping new team members to understand how to write software for the SAM family of microcontrollers using C and the prisum library. Also wrote sample codes for using these new boards.**

Member **01 2022 — now**
Competitive Programming Club ***Ames, IA***

- **Learning and implementing using various data structures and algorithms to solve word problems that could be used in real life scenarios.**
- **Worked with a team in one of their school internal programming contests and achieved 2nd.**

PROJECTS

A Smart HVAC System (github.com/joopixel1/Smart-HVAC-Project) **06 2021 - 12 2021**

- **I worked with a partner to develop it using micropython and circuitPython library on feather and FunHouse Microcontrollers.**
- **We built both a simulation software for it in python and also implemented it in a real-world demo box using actuation and sensation.**
- **We learned to use sockets and mqtt to connect different microcontrollers in different rooms and to a website using mosquito lib to monitor the temperatures of the room.**

SKILLS

Programming Languages	**C(Proficient), Assembly, Kotlin(Proficient), Javascript(Proficient), Java, HTML, CSS, React, PHP, MySQL, Lavarel, Express**
Technologies	**Visual Studio, Android Studio, Git, Altium**