TIWALAYO OLUWALADE

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EDUCATION

Towson University || Baltimore, MD
08/2022 – 06/2026
B.S in Computer Science

Relevant Coursework: Data Structures and Algorithms, Principles of Computer Organization, Web-Based Programming, Discrete Mathematics, Calculus II

SKILLS

- Languages: C++, Java, Python, HTML, CSS, JavaScript, NextJS, Git
- Technical: Backend, Object-Oriented Programming, Full Stack Web Development, UX/UI, Machine Learning
- Tools and Software: Firebase, Material UI, OpenAI API, NodeJS, Visual Studio Code, Jupyter, Microsoft 365

WORK EXPERIENCE

Christ Apostolic Church: *Technical Lead*
06/2023 – present

- Integrated up-to-date audio-visual systems and software extensions to create an autonomous workflow environment and provide smooth multimedia production to 1,000+ church members
- Advanced post engagement on Facebook by 200% in the month of May with strategic posting and influencer collaboration to increase outreach
- Collaborated with Informational Technology team to fix complex bug using command script prompts

Headstarter AI: *Software Engineering Fellow*   06/2024 - present

- Built 5+ AI apps and APIs using NextJS, OpenAI API, JavaScript with 98% accuracy, seen by 1000 users
- Developed project & startup ideas from design to deployment while leading group of 4+ engineers
- Coached by Google, Amazon, and Bloomberg engineers on Agile, CI/CD, and microservice patterns

The Tech Cadets: *Software Engineering Project Lead*
06/2024 - 08/2024

- Led group of engineers to develop a scalable Unreal Engine game application from design to deployment
- Re-designed personal portfolio project using HTML and CSS to implement unique theme & design from scratch, increasing user engagement by 100%
- Mentored by Capital One, Meta, and Apple engineers on deployment, scalability, and showcasing projects

ORGANIZATIONS

Competitive Programming Club: President & Co-Founder   06/2024 - Present

- Incoming Fall 2024 @ Towson University

PROJECTS

CashGPT - Financial Literacy Chatbot   07/2024 - Present

- Full Stack Application that provides family-friendly financial education for users in an engaging manner. Built with NextJS, OpenAI API, Vercel AI SDK, TypeScript, and Material UI

PanTray Tracker   07/2024-08/2024

- Full Stack Pantry Tracker Application built using Firebase, NextJS, Material UI, and JavaScript. Allows users to store items within a database and easily update their pantry as they shop/use items.