Olatomiwa O. Aluko

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EDUCATION

University of Central Florida (UCF)   Orlando, FL
Bachelor of Science in Computer Engineering   *Expected Fall 2026*
Minor in Technology Entrepreneurship   *GPA: 3.50*

SKILLS

Languages: Python, Java, C/C++, HTML, CSS, JavaScript, TypeScript
Frameworks: ReactJS, Next.JS, Tailwind CSS, tRPC, Tkinter
Developer Tools: GitHub, Vercel, Postman Agent, Resend, Prisma, Supabase
Technologies: REST APIs, PostgreSQL, Google Gemini AI, SolidWorks, Microsoft 365, Adobe CC

EXPERIENCE

Math Evaluator (Remote)   Jun 2024 – Present
Outlier AI (Contract)   *Orlando, FL*

- Reviewed and debugged 200+ AI-generated math solutions, achieving an 85%+ accuracy improvement across algebra, geometry, and calculus
- Applied structured rubrics across five dimensions (truthfulness, reasoning, instruction following) in collaboration with a global team

PROJECTS

DigiConvo — AI-Powered Conversation Practice App   July 2025
Next.js, TypeScript, tRPC, Prisma, Gemini AI

- Collaborated in a 4-person team at UCF's 12-hour GemiKnight Hackathon to develop a full-stack real-time conversation practice app using Google Gemini AI and emotion analysis
- Integrated speech-to-text and text-to-speech with dynamic scenario-based personas and coaching feedback
- Built modular components, used Prisma/PostgreSQL for session data, and deployed on Vercel with responsive UI

Full-Stack Personal ePortfolio Website   Jan 2025 – April 2025
Next.JS, Tailwind, Resend

- Built and deployed a responsive Next.JS/Tailwind portfolio site with image optimization, lazy loading, SSG, and SEO enhancements
- Architected reusable React components and integrated CI/CD workflows with GitHub and Resend; managed state via React Hooks
- Integrated production-ready email functionality using Postman Agent and Resend API

EventFlare — Event Discovery Web App   April 2025 – Present
React, TypeScript, Tailwind, Vite

- Developed a full-stack React/TypeScript/Tailwind app for college students to create, browse, and personalize campus events
- Built reusable components for dynamic event pages, user dashboards, and integrated routing with Vite for near-instant reloads
- Architected a modular backend to support scalable feature additions and user authentication

LEADERSHIP & AWARDS

President & Assistant Area Director, Alpha Phi Alpha Fraternity — Led 20+ members and oversaw district service initiatives (Mar 2022 – Present)

Senator, National Society of Black Engineers — Managed logistics for regional/national events, increased engagement 30% (Aug 2021 – Present)

Member, ColorStack — Participated in events supporting Black/Latinx technologists (Mar 2025 – Present)

Awards: CECS Dean's List (2024 & 2025), UCF Knights of the Roundtable Outstanding Officer of the Year (2024)