

Olatomiwa O. Aluko

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EDUCATION

University of Central Florida (UCF)

Bachelor of Science in Computer Engineering

Minor in Technology Entrepreneurship

Orlando, FL

Expected Fall 2026

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

ApplySense — AI Job Application Tracker

May 2025 – Present

Next.js (React), TypeScript, tRPC/Prisma, React Query, Supabase, NextAuth, GPT-4 Vision, Tesseract.js

- Built a full-stack web app with typed APIs and secure authentication; integrated Supabase for storage and GPT-4 Vision/Tesseract.js for OCR-based parsing of job applications.
- Enabled real-time dashboards using React Query; automated data population and enhanced usability through quick-start templates.

DigiConvo — AI Conversation Practice App

July 2025

Next.js, TypeScript, tRPC, Prisma, Gemini AI

- Collaborated in a 4-person hackathon team to build a conversation practice app with Google Gemini AI, real-time speech-to-text/text-to-speech, and coaching feedback.
- Deployed modular full-stack app with Prisma/PostgreSQL on Vercel, implementing responsive design.

Full-Stack Personal ePortfolio Website

Jan 2025 – Apr 2025

Next.js, Tailwind, Resend

- Developed and deployed a responsive portfolio site with lazy loading, SEO optimization, and reusable components.
- Integrated CI/CD workflows and production-ready email functionality with Resend API.

EventFlare — Event Discovery Web App

Apr 2025 – Present

React, TypeScript, Tailwind, Vite

- Created a full-stack event discovery platform for college students, featuring dynamic event pages, user dashboards, and fast routing.
- Built modular backend supporting scalable feature additions and 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)