

Olatomiwa O. Aluko

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EDUCATION

University of Central Florida (UCF) <i>Bachelor of Science in Computer Engineering</i> <i>Minor in Technology Entrepreneurship</i>	Orlando, FL <i>Expected December 2026</i> <i>GPA: 3.50/4.00</i>
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PROJECTS

ApplySense — Job Application Tracker <i>Next.js (React), TypeScript, tRPC/Prisma, React Query, Supabase, NextAuth, GPT-4 Vision, Tesseract.js</i> <ul style="list-style-type: none">Developed an AI-powered tool that processed 200+ job postings, auto-extracting company, role, and deadline details while cutting manual entry by ~80%.Implemented secure authentication and cloud storage for 100+ accounts, ensuring reliable cross-device access and data protection.Delivered a real-world solution for job seekers, replacing manual spreadsheets with automated tracking to improve organization and success rates.Created responsive dashboards with progress tracking and reminders, helping users meet 95% of deadlines and manage applications efficiently.	Jul 2025 – Present
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DigiConvo — Conversation Practice App <i>Next.js (React), TypeScript, tRPC, Prisma, Google Gemini AI</i> <ul style="list-style-type: none">Engineered in a team of four during a 12-hour hackathon, delivering 6+ conversation scenarios across personal, professional, social, and family categories.Integrated Google Gemini AI for realistic dialogue and emotion analysis, enabling actionable feedback for coaches, counselors, and students.Enhanced accessibility with speech-to-text, text-to-speech, dark/light mode, and responsive UI across devices.Built an OCR-based analysis tool achieving ~95% text accuracy and reports under 2s, reducing manual transcription by ~70%.	Jul 2025
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Xi Iota Chapter Website — UCF Alphas <i>React 18, TypeScript, Vite, Tailwind, Framer Motion, Vercel, Resend API</i> <ul style="list-style-type: none">Designed and deployed a modular, responsive chapter site with sections for history, leadership, events, service, lineage, and contact; enabled leaders to update content easily.Grew traffic to 500+ monthly visitors and increased engagement/inquiries by 50% via mobile-optimized pages and interactive galleries.Added contact forms and planned email + analytics features, improving outreach and data-driven event planning.	Jun 2025 – Present
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SKILLS

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

COURSEWORK

Data Structures & Algorithms, Object-Oriented Programming, Computer Organization, Computer Architecture, Embedded Systems, Real-Time Systems, CodePath Intermediate Technical Interview Prep & Web Development Course

PROFESSIONAL EXPERIENCE

Math Evaluator, Outlier AI (Contract) <ul style="list-style-type: none">Reviewed and evaluated over 200 AI-generated math solutions across subjects including algebra, geometry, and calculus.	Jun 2024 – May 2025
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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)