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*

EXPERIENCE

Math Evaluator (Remote) — Jun 2024 – Present
Outlier AI (Contract) — *Orlando, FL*
- Evaluated and corrected 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.

Office Assistant — Mar 2023 – Nov 2024
First Year Experience — *Orlando, FL*
- Automated data entry with a JavaScript script, reducing manual logging time by 60% for 1,000+ entries in Google Sheets.

PROJECTS

Full-Stack Personal ePortfolio Website — Jan 2025 – Present
- 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.

Custom Macro Automation Tool — Jan 2025
- Built a desktop GUI in Python/Tkinter to configure and run automated key-press and mouse macros via pynput.
- Implemented threaded event loops and hotkey bindings to allow non-blocking UI and on-the-fly start/stop toggles.
- Supported dual-key sequences, indefinite repeats, and a "bar-control" click hold feature for workflow automation.

Java-Based College Fee Management System — Mar 2024 – Apr 2024
- Collaborated in a 3-person team to develop an OOP-based Java application simulating student and course management for a fictional college.
- Designed an abstract class hierarchy for Undergraduate, MS, and PhD students with custom billing logic and automated fee invoice generation.

NSBE ePortfolio Website Workshop — Feb 2023, Feb 2024, Feb 2025
- Led a technical workshop on website creation using HTML, CSS, and JavaScript to help students build professional ePortfolios.

SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript
Frameworks: ReactJS, Next.JS, Tkinter
Developer Tools: GitHub, Pynput, keyboard, threading, SolidWorks, Microsoft 365, Adobe CC

LEADERSHIP & AWARDS

Alpha Phi Alpha Fraternity, Xi Iota Chapter — Mar 2022 – Present
- Elected President; oversaw chapter operations and strategic planning for 50+ members.
- Served as Assistant East Area Director; coordinated multi-chapter community service initiatives.

NSBE UCF Chapter, Senator — Aug 2021 – Present
- Coordinated logistics and budgeting for regional and national conferences, boosting engagement by 30%.

Awards
- UCF Knights of the Roundtable Outstanding Officer of the Year, 2024
- UCF CECS Spring Dean's List, 2024