Amani Hassan

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EDUCATION

University of Central Florida — GPA: 3.87
Bachelor of Science in Psychology & Minors in CS & IT — *August 2021 – May 2025*

Relevant Coursework: Intro to C, Computer Science I, Computer Science II, Object-Oriented Programming, Human-Computer Interaction, Database Concepts, Operating System Concepts, Writing in Digital Environments, Computer Architecture Concepts, Computer Logic & Organization, Principles of Human Factors Psychology, System Administration & Maintenance

EXPERIENCE

OASIS — May 2025 – Present
Front-End Software Engineering Intern — *Orlando, FL*
- Built responsive and user-friendly interfaces for a travel-focused social media platform by developing reusable React components and ensuring cross-device compatibility.
- Collaborated with a cross-functional startup team to design and develop key features by participating in sprint planning and contributing to product strategy discussions.

SUBWAY — May 2021 – July 2025
Sandwich Artist — *Orlando, FL*
- Delivers quality service in a fast-paced environment, consistently preparing over 100 sandwiches per shift.
- Manages point-of-sale (POS) operations and maintains responsibility for opening and closing procedures, demonstrating reliability and teamwork.

Applied Cognition & Aging Lab — January 2022 – June 2022
Research Assistant — *Orlando, FL*
- Conducted usability testing and eye-tracking experiments by setting up study environments, running sessions, and documenting participant interactions.
- Assisted in pre-screening participants and compiling insights by analyzing behavioral data and summarizing findings for the research team.

PROJECTS

Litterly | *React, Google AI Studio, Figma, Node.js, MongoDB* — January 2025 – April 2025
- Developed an AI-powered sustainability app that gamifies litter collection by rewarding users with virtual trees for verified cleanups.
- Implemented AI image verification for real-time litter classification and designed the UI in Figma to promote environmental awareness.

DigiCloset | *React Native, MongoDB* — October 2024
- Built a mobile wardrobe app that digitizes clothing, builds outfits, and tracks wear frequency to encourage reuse and reduce waste.
- Built a responsive UI in React, connected to a Node.js/Express backend, and integrated MongoDB for image storage.

Girls Who Budget | *React, Figma, MySQL, PHP* — January 2025 – April 2025
- Built a dynamic dashboard displaying the user's total balance in real time and enabling easy paycheck entries.
- Implemented category-based budget allocations with auto-updating balances after logged expenses.
- Designed a recap page summarizing spending percentages per category to visualize financial habits.

EXTRACURRICULAR ACTIVITIES

Girls Who Code — January 2024 – Present
Mentor — *Orlando, FL*
- Mentored 8 high-school students across 12 weekly sessions on HTML, CSS, and JavaScript fundamentals.

Knight Hacks — January 2024 – Present
Member & Hackathon Developer — *Orlando, FL*
- Collaborated on 4 hackathon projects, focusing on front-end development, API integration, and usability improvements.

TECHNICAL SKILLS

Languages: C, Java, Python, PHP, JavaScript, HTML, CSS, SQL
Frameworks/Libraries: React, Node.js, Express.js, React Native, Bootstrap, Tailwind CSS
Databases: MySQL, MongoDB
APIs & Tools: Google AI Studio, Google Maps API, Spotify API, RESTful APIs, Postman
Developer Tools & Platforms: Git, GitHub, VS Code, Figma, Framer, Docker, Linux
Other: Unit Testing, Agile/Scrum, Accessibility / WCAG Guidelines
Certifications:TestOut IT Fundamentals Pro – TestOut