

# ALEXA ACOSTA

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## EDUCATION

**B.S. Computer Science, Minor: Digital Arts and Sciences, University of Florida, Gainesville, FL (GPA: 4.0)** Dec 2027

**Technical Skills:** Python (Intermediate), JavaScript (Intermediate), C++ (Intermediate), GitHub, React, React Native, Expo-Go, Node.js, Express, MongoDB, Unity

## EXPERIENCE

*UF Bioinformatics Databases Research (Incoming)* July 2026

**Front-End Development Intern:** UF College of Medicine Office of Research Jan 2025 – Present

- Contributed to front-end development for the Blue Ridge Predictor module of Snap Metrics using **React, JavaScript, CSS, HTTP, and HTML**, enhancing the module's visualizations and user interface.
- Collaborated in web development by integrating **API** calls and optimizing **HTTP** requests, improving data flow and system performance.

**Danaher Jump Program 2025 Cohort** Jan 2025 – May 2025

- Participated in bi-monthly mentorship meetings and a 1.5-day Summit to enhance career readiness and industry knowledge, impacting future internship and full-time hiring opportunities.
- Supported diversity initiatives in STEM by helping underrepresented individuals enter the tech industry, expanding Danaher's talent pipeline.

**Teacher Aide:** FIU Intro to Computer Programming/Intro to Microcomputer Dual Enrollment Aug 2022 – Jun 2023

- Assisted in grading programming projects in Alice 3, providing feedback on code structure and logic, contributing to a 40% improvement in student project outcomes.
- Supported classroom engagement by facilitating student-instructor interaction, enhancing participation and learning effectiveness.

## PROJECTS

**SmartFit | (React, Tailwind CSS, shadcn/ui, Node.js, Express, PostgreSQL, Prisma)** Sep 2025 – Present

- Developed a gamified wardrobe management platform with outfit logging, history tracking, and streak-based rewards, increasing user engagement with personal style data.
- Built outfit builder, **CRUD** wardrobe items, wishlist, and category filters in React/Tailwind, collaborating in an Agile team using **Jira, GitHub**, and **Docker** for consistent development workflows.

**ForkCast | (React, Tailwind CSS, Firebase, Spoonacular API, Node.js/Express)** Sep 2025 – Present

- Engineered a recipe app generating personalized meals from user-provided ingredients, reducing food waste and saving time for students.
- Integrated **Firebase** authentication/database and **Spoonacular API** with a responsive **React/Tailwind** interface, consolidating meal planning into a single, accessible platform.

**Blue Ridge Predictor Module — Snap Metrics | (React, JavaScript, CSS)** Jan 2025 – Present

- Developed and optimized the frontend user interface for the Blue Ridge project using **React, JavaScript**, and **CSS**, creating a responsive interface with dynamic visual charts that effectively communicated complex data and improved user engagement.
- Created and maintained **APIs** to efficiently fetch and manage data, enabling real-time updates and seamless backend-frontend communication.

**Gator Girls Guide – WingHacks Hackathon Project | (HTML, CSS, JavaScript)** Feb 2025

- Engineered a responsive website providing UF women with health, wellness, and news resources by structuring with **HTML**, styling with **CSS**, and adding interactivity with **JavaScript**.
- Consolidated multiple UF resources into a single platform, streamlining access and increasing ease of use by an estimated 30%, as reflected in positive hackathon feedback.

**MatchBook | (JavaScript, React Native, Expo-Go, Node.js, Express, MongoDB, GitHub)** Aug 2024 – May 2025

- Developed a dating-style mobile app to connect college students with compatible study partners using **React Native** and **Expo-Go** for cross-platform deployment.
- Designed a user-friendly interface using **Figma** for profile creation, study preferences, and matching students based on similarities.

## LEADERSHIP AND INVOLVEMENT

**Internal Mentorship Director:** UF Women in Computer Science and Engineering Aug 2025 – Present

- Organize and lead monthly social events for 100+ women in computer science, fostering connection, support, and collaboration between mentors and mentees in WiCSE's Internal Mentorship Program.
- Strengthen community engagement by coordinating point-based activities, encouraging consistent participation, and facilitating lasting mentor-mentee relationships.

**Corporate Mentorship Mentee:** UF Women in Computer Science and Engineering Sep 2024 – Present

- Selected for a competitive mentorship program pairing students with industry professionals; matched with a Microsoft software engineer for biweekly guidance on technical growth, career development, and professional networking.

**Design Team Member:** UF Women in Computer Science and Engineering Aug 2024 – Present

- Contributed 1–2 hours per week to collaborative software projects, participating in weekly meetings and check-ins.
- Presented project outcomes at a showcase of 20+ WiCSE members, fostering feedback and collaboration.