

# SOFIA BERNAL

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## EDUCATION & HONORS

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### Florida State University

Tallahassee, FL

Bachelor of Science in Computer Science, Minor in Computational Science Entrepreneurship

**GPA:** 3.645/4.0

**Relevant Coursework:** Software Engineering | C++ Data Structures | Intro to Unix | Full Stack Development in C#

**Organizations:** Alpha Phi, ColorStack, Panhellenic Association

## WORK EXPERIENCE

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### Ask The Agent

Tallahassee, FL

Software Developer Intern

**May 2025 - Present**

- Lead end-to-end product development for Converzio Mobile, a sister application to Ask the Agent's real estate platform, expanding digital twin technology to serve professionals across all industries by gathering stakeholder requirements, defining product specifications, and managing feature roadmap.
- Developed full-stack mobile application using React Native, TypeScript, Node.js, and MySQL, implementing AI avatar creation workflows, calendar integration, messaging systems, and user management features while ensuring a responsive design.
- Collaborate with Ask the Agent stakeholders to gather user feedback and market insights, translating business requirements into technical solutions while maintaining application performance, conducting user testing, and iterating on features to maximize adoption across diverse professional markets.

### FSUshadow - Guardians of Honor/NASA

Tallahassee, FL

Incoming STEM Project Management shadow for Guardians of Honor/NASA

**May 2025**

- Accepted into the prestigious shadow opportunity at Florida State University to shadow an employee specializing in STEM Project Management. Shadowed a project manager and learned about coordinating federal STEM initiatives, managing project timelines, and supporting NASA-related education outreach efforts.

### My School Tech Hub

Daytona Beach, FL

Director of Education

**June 2019 - June 2023**

- Delivered instruction in robotics, coding fundamentals, and web development to K–12 students across multiple summer sessions. Adapted lessons to different age groups, encouraged hands-on learning, and fostered interest in STEM through interactive projects.

## LEADERSHIP EXPERIENCE

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### Alpha Phi, Executive Administrator

**November 2023 - November 2024**

- Served on the Executive Council, helping lead internal operations for a chapter of nearly 300 members.
- Created a Python program to automate individual participation tracking
- This role was impactful as I developed strong organizational and leadership skills, ensuring the chapter operated smoothly and cohesively while also utilizing my personal skills such as Python programming to maximize efficiency.

## PROJECTS

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### Converzio Mobile | TypeScript, JavaScript, Node.js, MySQL

**May 2025 - Present**

- Developed a full-stack AI avatar creation mobile application using React Native and TypeScript, featuring photo/video avatar generation, calendar integration, and messaging system with animated UI components and gradient designs for enhanced user experience. Implemented backend REST API with Node.js and Express, utilizing MySQL database for user authentication, profile management, and message storage with comprehensive error handling.

### Sofia Express | C#, .NET MAUI - [GitHub](#)

**January 2025 - Present**

- Built a C# and .NET MAUI application simulating a backend inventory management system and client-side shopping cart, using the MVVM pattern with data binding and event delegation to enable wishlist creation, seamless checkout, and a responsive, maintainable interface.

## TECHNICAL SKILLS

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- **Programming Languages:** C/C++/C#, Python, SQL, R, HTML, CSS, JavaScript, TypeScript
- **Frameworks:** Flask, React, .NET MAUI, Node.js, React Native Expo
- **Tools:** Git, Linux, Visual Studio Code, phpMyAdmin, AWS, Jira