SOFIA BERNAL

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EDUCATION & HONORS

Florida State University   Tallahassee, FL
Bachelor of Science in Computer Science, Minor in Computational Science Entrepreneurship   **GPA:** 3.6/4.0
Relevant Coursework: Software Engineering | C++ Data Structures | Intro to Unix | Full Stack Development in C#
Organizations: Alpha Phi, ColorStack, Panhellenic Association

WORK EXPERIENCE

Florida State University   Tallahassee, FL
Research Assistant - Dept. of Computer Science   **June 2025 - December 2025**
- Incoming research assistant focused on exploring the use of Large Language Models (LLMs) for software development and coding applications.
- Preparing independently over the summer by completing coursework such as Microsoft's GitHub Copilot learning path.

Ask The Agent   Tallahassee, FL - Remote
Software Engineer Intern   **May 2025 - August 2025**
- Incoming SWE intern at Ask The Agent, an AI-powered platform that helps real estate professionals create and automate content.

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.
- Created and adapted curriculum using foundational tools like Scratch, HTML, and robotics kits to match students' skill levels and interests.
- As a result, this work expanded access to quality technology education for over 50 younger and underrepresented learners and gave them the opportunity to learn the fundamentals of computer science.

LEADERSHIP EXPERIENCE

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

UCR Visualization Tool | Python, Flask, React, JavaScript, CSS, SQL - GitHub   **January 2025 - Present**
- Collaborated with three others on a web-based UCR Crime Data Visualization Tool focused on making Florida crime statistics accessible and interactive for users.
- Utilized languages such as Python for backend processing, React for frontend interactivity, and public datasets like FBI UCR and NIBRS.

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.

Alpha Phi Requirements Tracker | Python, Flask, HTML - GitHub   **March 2024 - December 2025**
- Developed a Python and Flask web application for FSU Alpha Phi to automate eligibility tracking for chapter events based on involvement points, reducing a manual hour-long Excel process to under one minute for over 300 members.

TECHNICAL SKILLS

- **Programming Languages:** C/C++/C#, Python, SQL, R, HTML, CSS, JavaScript
- **Frameworks:** Flask, React, .NET MAUI
- **Tools:** Git, Linux, Visual Studio Code
- **Other:** Microsoft Office applications (Excel, Powerpoint, Word)