

Ashley Stephens

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EDUCATION

Santa Clara University, Santa Clara, CA

Expected Graduation December 2026

- *B.S. in Computer Science*
- *Relevant Coursework:* Advanced Programming, Data Structures, Theory of Automata, Discrete Mathematics

WORK EXPERIENCE

Data Physics Corporation, Software Intern, San Jose, CA

June 2024 – September 2024

- Designed and developed a full functional mobile application using Flutter that retrieves and visualizes real-time vibration signal data from DP900 software using REST APIs, enabling engineers and clients to access test results remotely.
- Led end-to-end development, working independently to iterate on builds and present the application to a 10+ person team including company leadership.
- Enabled engineers and clients to retrieve DP900 signal data from mobile devices, reducing reliance on desktop systems and improving accessibility for on-site diagnostics and remote analysis.
- Collaborated with engineers to implement 6+ rounds of design and functionality updates based on feedback, enhancing app usability and aligning with team needs.

Mocaa, Social Media Marketing Intern, Remote

Jul 2023 – September 2023

- Conducted user experience audits of Mocaa's homepage and chat features, recommending key improvements 75% of which were implemented to enhance usability and user engagement.
- Performed undercover user testing of the booking flow, providing feedback that led to improved clarity and ease of use for student consultations.
- Created and scheduled 40+ graphics and 15+ videos using Canva and Figma, reaching 340+ individual viewers across 3 social platforms.
- Conducted research on 50+ Bachelor Area students, identifying 5 common interest groups to help tailor content for specific audience types.

PROJECTS

Customizable Social Network Application

Class Project, September 2024 – December 2024

- Built a desktop social networking app using C++ and Qt with customizable user profiles, interactive features, and a visual user interface.
- Applied object-oriented design and basic graph algorithms to support features like friend suggestions, post tracking, and user connections.

Botcien – Discord Bot

Independent Project, February 2023

- Programmed a multifunctional Discord bot using JavaScript and the Discord API to deliver timed reminders and respond to user prompts via private messages.
- Deployed and maintained the bot across 3 active servers, featuring command handling, event listeners, and server-specific functionality.

TECHNICAL SKILLS

- Computer Languages: C++, Java, JavaScript, Python, Dart
- Frameworks & Tools: Figma, Qt, Canva, REST APIs, Flutter
- Skills: Mobile App Development, Object-Oriented Programming, Wireframing, User Research