Ashley Anyanwu

San Francisco, California
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Education

University of California, Irvine   **Expected Graduation - Jun 2025**
Bachelor of Science in Software Engineering   *Irvine, California*

Relevant Coursework

- Software Design
- Data Structure Implementation & Analysis
- Software Testing & Quality Assurance
- Principle of Operating Systems
- Computer & Communication Networks
- Design & Analysis of Algorithms

Experience

Honeywell Aerospace - Software Engineering Intern   **Jun 2024 - Aug 2024**
- Developed an automated tooltip importer using Java, Python, and SQL, applying efficient algorithms to streamline and standardize tooltip management, improve UI consistency, and decrease time-to-update on production systems
- Placed 3rd in a hackathon for collaborating on a transponder-based communication protocol for autonomous aerial vehicles, enabling direct database sharing and forming a mesh network for uninterrupted communication
- Collaborated closely with senior engineers in daily SCRUM meetings, actively contributing to the agile development process and delivering critical updates on project milestones, blockers, and cross-functional requirements

Projects

SoundCrate | React, TailwindCSS, JavaScript, MongoDB, SpotifyAPI | GitHub Repository   **Apr 2024**
- Engineered a full-stack web application with a custom RESTful API and Spotify's API to allow users to rate and review songs from their favorite artists, follow fellow music enthusiasts, view comments from other listeners, and foster a community-driven environment

SideHustle | React, TailwindCSS, JavaScript, MongoDB, Firebase | GitHub Repository   **Nov 2024**
- Led frontend development and directed the design and implementation of the platform's UI using React and Tailwind CSS, delivering a seamless and engaging user experience across devices.
- Collaborated on the backend to develop and integrate a scalable RESTful API for handling user authentication and middleware to ensure secure and efficient access control

Codebook | React, TailwindCSS, TypeScript, PostgreeSQL | GitHub Repository   **Dec 2024**
- Developed a note-taking application for programming students that incorporates a code snippet management system with automatic syntax highlighting and formatting, enhancing the note-taking experience by combining the features of a collaborative document editor with a code editor.
- Led UI/UX design improvements and implemented performance optimizations, resulting in faster load times

Technical Skills

Languages | Python, C/C++, Java, SQL
Frontend | JavaScript, TypeScript, React, HTML, CSS/TailwindCSS
Backend | Node.js, Next.js, Express, Firebase, MongoDB, MSSQL Server, MySQL, Postgree
Developer Tools | GitHub, Figma, Jira, Confluence, Bitbucket

Extracurricular / Certifications

Technical Interview Prep | CodePath - View Certificate
Web Developer | Vertical Flight Society @ UCI   **Present**
- Developing a new website to improve UX, functionality, and engagement using Figma, HTML, CSS, and JavaScript
Treasurer | UCI Women's Club Basketball   **Present**
- Organized and led fundraisers that resulted in a 62% increase in the club's finances, to ensure financial sustainability
Mentor | National Society of Black Engineers @ UCI   **Present**
- Provided personalized guidance in academic planning and career preparedness for my mentee's success as a cs student