

# Aidan Williamson

(909) 717-1674 · [ajwill1022@gmail.com](mailto:ajwill1022@gmail.com) · [www.linkedin.com/in/aidan-williamson](http://www.linkedin.com/in/aidan-williamson)  
Los Angeles, CA · US Citizen

## EDUCATION

**University of California, Santa Cruz**  
B.S. in Computer Engineering  
3.64 GPA  
Dean's Honors List for 6 quarters  
Graduated December 2024 with honors

## RELEVANT COURSES

Data Structures and Algorithms  
Computer Architecture  
Introduction to Software Engineering  
Parallel and Concurrent Programming  
Embedded Systems Design

## TECHNICAL SKILLS

**Programming Languages:** C/C++, Python, JavaScript, Swift, HTML/CSS, Typescript  
**Frameworks & Libraries:** Node.js, React, TailwindCSS, Material UI, Django, MongoDB, AWS  
**Tools & Platforms:** Linux, Git, VIM, XCode, VSCode, GitHub, Figma  
**Methodologies:** Agile, Scrum  
**Concepts:** Data Structures and Algorithms, Object-Oriented Programming, Computer Architecture

## EXPERIENCE

**Web Developer & Scrum Master** **September 2024 - December 2024**

**Tassel Alumni Website** - [www.slugmatch.app](http://www.slugmatch.app)

- Developed Tassel, a platform enabling alumni to connect, post, and apply for volunteer opportunities at UC Santa Cruz, using React and Material UI.
- Deployed and managed scalable cloud infrastructure via AWS Amplify, ensuring secure and efficient user authentication.
- Led Agile processes as Scrum Master, facilitating sprints and retrospectives to keep the project on track.

**Software Engineering Intern** **May 2024 - August 2024**

**TENK-JAPAN** | Shibuya, Tokyo

- Developed an AI-driven application using Node.js, React, CSS, and OpenAI API to optimize e-commerce listings for Rakuten shops using the company API.
- Implemented keyword optimization algorithms to enhance search visibility and relevance.
- Utilized MongoDB to store data selected by the user, ensuring efficient data management and retrieval.
- Collaborated with a team to ensure seamless application functionality and user experience.

**Web Developer** **June 2024**

**Photography Portfolio Website** - [www.ajwphotography.com](http://www.ajwphotography.com)

- Developed a professional photography portfolio website using Node.js, React.js, Tailwind CSS, TypeScript, and JavaScript.
- Created a fully responsive design to ensure accessibility across various devices.
- Implemented dynamic content and performance optimizations for a smooth user experience.

**Front-End Developer & Scrum Master** **January 2024 - March 2024**

**UC Santa Cruz**

- Led a 5-developer team to create "Jam Circle," a web application integrating SpotifyAPI for an enhanced music-sharing experience using Django, PostgreSQL, and React.js.
- Managed project using Agile and Scrum, ensuring timely delivery and effective team collaboration.

**Multi-Threaded HTTP Server** **March 2023**

**UC Santa Cruz**

- Designed a multi-threaded HTTP server in C with a thread-safe queue, enabling efficient handling of concurrent client requests.
- Gained a deep understanding of computer networks, including the protocol stack, socket programming, TCP connections, HTTP messaging, and thread synchronization