

CHANTELLE TROUTMAN

EDUCATION

University of California, Santa Cruz, Santa Cruz

Bachelor's Degree, Computer Science, Expected in 06/2027

Relevant course work: Data Structures & Algorithms • Computer Architecture • Assembly Language • Discrete Mathematics • Machine Learning • Artificial Intelligence • Foundations of Programming Languages

GPA: 3.8

Ventura High School, Ventura, Ca

Diploma, 06/2023

Robotics Team (Programming Lead) • Cybersecurity Team

GPA: 4.3

PROFESSIONAL SUMMARY

Technical and problem-solving skills developed in collaborative, fast-paced environment. Advanced expertise in Java and Python, with a strong command of software engineering principles, development methodologies, and best practices across the full software development lifecycle. Brings a competitive background in soccer, reflecting strong teamwork, strategic thinking, adaptability, and quick decision-making, skills that translate effectively to collaborative software development and problem-solving in complex systems.

SKILLS

Languages: C, Python, Java, JavaScript, Haskell, HTML, XML

Tools & Technologies: Android Studio, Git, VS Code, API Integration, Web Development, Microsoft Applications

Concepts: Data Structures, Object-Oriented Programming, Functional Programming, Lambda Calculus

EXPERIENCE

DATA ENTRY / MARKETING GRAPHIC ASSISTANT 06/2025 to Current
Rated Sports, Ventura, CA

- Developed algorithms to automate the translation of structured PDF data into Excel spreadsheets, reducing manual entry time and errors.
- Utilized scripting to streamline repetitive tasks, simplifying workload for the team.
- Provided website development support, including debugging and front-end design, enhancing usability and overall user experience.

SOFTWARE INTERN 06/2023 to 09/2023

FileYourTaxes.com, Ventura, Ca

- Contributed to transforming the company's tax filing website into a mobile Android application using Android Studio.
- Developed UI components and integrated API requests to retrieve and process user data.
- Worked with data parsing and application logic to support dynamic app functionality.

ECOLOGICAL RESTORATION INTERN 02/2023 to 06/2023

The Santa Clara River Conservancy, Fillmore, Ca

- Supported habitat restoration efforts by planting native vegetation along riverbanks.
- Maintained and organized a native plant nursery used for conservation projects.

PROJECTS

Personal Portfolio Website

- Designed and developed a personal portfolio website using **HTML, CSS, and JavaScript**.
- Implemented interactive features including **navigation, animations, and project tabs**.

Mobile App Project (*in progress*)

- Developing a mobile application using **Android Studio**.
- Implementing **UI components and API integration** to support dynamic functionality.

AWARDS

Faculty Choice Award — Ventura High School

- Recognized for outstanding achievement in Applied Arts, including Welding/Fabrication, AP Computer Science, Honors Robotics, and Field Studies.

Finalist — 2023 EECCOA Challenge

- Developed EcoSpool, a project designed to collect plastic water bottles on campus and recycle them into spools for 3D printer filament.