

CHICORY ROTH

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EDUCATION

University of California - Santa Cruz

B.S. Computer Science

September 2020 – June 2023

Santa Cruz, CA

WORK EXPERIENCE

College of the Canyons

Computer Science TA

September 2019 – December 2019

Santa Clarita, CA

- TA for Introduction to Algorithms and Programming
- Assisted professor in course planning
- Graded projects and gave actionable feedback to students

SKILLS

- Languages/Technologies: JavaScript / TypeScript, C / C++, Python, Java, React, Next.js, React Native, Git, Docker, SQL

PROJECTS

SlugSell - Next.js, TypeScript, React, Tailwindcss, PostgreSQL, Git, Jest

In a team of six, I contributed to the development of a full-stack online marketplace following Agile Scrum methodologies. This project involved Next.js for seamless server-side rendering and routing, TypeScript for statically typed programming, PostgreSQL for robust data management, Jest for comprehensive testing, and Tailwind CSS for efficient utility-first styling. Git for version control and issue tracking. All code was tested and covered using automated testing

Fantasy AVP - Next.js, TypeScript, React, Tailwindcss, Firebase, Git

Fully deployed and authenticated beta version of a fantasy league for the AVP(Association of Volleyball Professionals). Git used for version control as well as issue tracking

Password Cracker - C++, Linux

Multi-threaded and distributed brute force password cracker coordinating over network connection

CacheMe - React Native, TypeScript, Expo Go, Firebase

Location-based social-media app made in a group of five with a focus on Agile and Scrum methodologies. Uses React Native for the frontend and Firebase for the backend including authorization. Integrates Google Maps API and many React Native libraries.