

Steven Chan

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EDUCATION

University of Southern California Aug 2021 – May 2023
Master of Science in Computer Science: 3.67/4.0 GPA Los Angeles, CA
Relevant Coursework: Web Apps, Databases, Networks

California State Polytechnic University, Pomona Aug 2018 – May 2021
Bachelor of Science in Computer Science: 3.95/4.0 GPA (Summa Cum Laude) Pomona, CA
Relevant Coursework: Object Oriented Design, Big Data Analytics and Cloud Computing

WORK EXPERIENCE

Software Engineering Intern | *React, Spring* May 2022 – Aug 2022
Amobee (a top Adtech company) Remote

- Reduced week-long customer setbacks by building data validation on ad campaign web form by utilizing Flux data architecture and creating new Spring Java REST API endpoints
- Led project development of a team of six members by planning issues on Jira, writing design and feature specifications on Confluence, and reviewing design details with design and domain experts
- Ensured code correctness by deploying features onto stage environments with Jenkins

PROJECTS

Minecraft Server Admin Console | *Go, SQLite, Docker, GCP, Terraform* Oct 2023 – Present

- Simplified supervision of personal Minecraft server through the development of a server-side Go/HTMX app that can remotely manage server resources
- Enforced security by developing authentication by scratch through session cookies saved on SQLite
- Expanded accessibility of project by creating Terraform scripts that deploy on Google Cloud Platform
- Saved development time by building CI/CD pipeline on GitHub and GCP

”Formula SAE” Vehicle Communications Team Lead | *C++* Oct 2021 – Dec 2023

- Built MVP of communication control unit for the eventual competing vehicle by demonstrating successful transmission of messages between different components on wire
- Successfully led transition to migrate <100 file active code-base to a newer control unit by teaching new concepts and managing new code dependencies
- Onboarded five active project members by teaching C++, Git, and other libraries in live demonstrations

Grocery Delivery Web App Backend Lead | *JavaScript, Firebase, Jest* Feb 2021 – May 2021

- Released a JS backend of a full-stack e-commerce web app with Firebase serverless functions
- Deployed Firestore (NoSQL) database on Firebase cloud platform to host customer and store data
- Ensured data privacy by developing Jest unit tests on customer credential authentication
- Synced with stakeholders weekly through Agile/SCRUM sprints with four other team members

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Go, Java, SQLite, Firestore (NoSQL), C++
Frameworks/Libraries: React, Flux, Spring, HTMX
Developer Tools: Git, Docker, Terraform, Jenkins, Google Cloud Platform (GCP), Firebase, Jira, Confluence