

Christian García

Software Engineer



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SKILLS & TECHNOLOGIES

Operating Systems

Windows
Linux/Unix

Languages

C
C++
JavaScript
Python
Bash

Frontend

CSS
HTML
jQuery
React
React Native
Redux

Backend

Express.js
Node.js
Passport.js
Mongoose
MongoDB
Socket.io

Tooling

Git
Heroku
Electron
Expo
Ngrok
Webpack

Spoken Languages

English
Spanish
Quechua

EDUCATION

University of California, Davis

Davis, CA

BS: Computer Science and Engineering; Minor: Technology Management

Graduating June 2019

Relevant coursework: Software Engineering, Software and Object-Oriented Programming, Data Structures, Algorithm Design, Operating Systems, Computer Networks, Programming Languages

RELEVANT EXPERIENCE

Frontend Engineer (JavaScript, HTML, CSS, Ruby on Rails), SMOP

January—June 2018

Social Media Website for Older Users

- Created two different live social media websites for younger and older users for a client researcher
- Extremely simple, streamlined, easy to follow **UX** for less technologically literate users
- Feature packed, denser version with much cleaner but more sophisticated **UX** for literate users
- Included **audio**, **photo**, and **text** posts, the ability to have **friends** and to **chat**, **comment**, and **like**, and the ability of the client to have an omniscient **Administrator View** to collect data
- Built with **Ruby on Rails**, **HTML**, **CSS**, and **JavaScript**, stored with **AWS**; hosted on **Heroku**

Full-Stack Engineer (C++), SJACraft II, MOSS of Darkness

September—December 2017

A Warcraft II Clone

- Worked on the lead development team of 11 members
- Implemented and documented new features from an existing game skeleton with assets
- Utilized **Doxygen** to create documentation for hundreds of files
- Collaborated with and delegated tasks to other teams to ensure completion of goals

Information Services Intern

June 2017—September 2017

Sutter Health, Emeryville, CA

- Employed **Microsoft Excel** for **data analytics**, creating graphics, charts, and pivot tables and utilizing functions to simplify data manipulation
- Developed presentations on optimal **BI** platforms and **Microsoft trainings** to facilitate educated decisions for the Business Operations Manager, Chief Information Officer, and Board of Directors
- Actively contributed to meetings on optimizing Sutter's IT architecture

FEATURED PROJECTS

Backend Engineer (Javascript, Node, Express, React Native), Sportaneous

August 2018

2nd place at Horizons Hackathon 2018 - Create or join pick up sports games near you in a flash

- Developed **RESTful API** with Node and Express and a React Native mobile frontend
- Architected **MongoDB** database and event schema using **Mongoose**
- Emphasized a streamlined, extremely simple, and intuitive **UX** to accomplish user goals on the fly
- Built with **React Native**, **Node.js**, **Express.js**, and **MongoDB**, and leveraged the **Google Maps API**

Full-stack Engineer (JavaScript, Express, Node, Slack API), SamTheScheduler

August 2018

Slack bot that schedules meetings and reminders on the user's calendar

- Trained a **DialogFlow** agent to process natural language user intents
- Used the **Slack RTM API** and the **Google Calendar API** to schedule meetings and reminders on the user's Google Calendar
- Architected models and **MongoDB** database to save user data, including **Google OAuth** tokens

Full-stack Engineer (Javascript, Electron, React), DocShare

August 2018

Real-time collaborative document editor for multiple users

- Implemented a **RESTful backend** with **Socket.io** for an **Electron** app allowing simultaneous editing
- Utilized **React** and **Draft.js** to handle font type, color, alignment, and size on the **single-page app**
- Saved current rich text and document privacy settings in **MongoDB**