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01. EMPLOYMENT HISTORY

Software Engineer Intern

UCSB Enterprise Technology Services / May 2018 - Current

- Responsible for leading frontend development on the Identity & Access Management team.
- Designed, implemented, & tested new features for web apps built with Aurelia.js & Spring MVC.
- Accomplishments include designing & deploying a brand new UI for UCSB's account management website, automating the build process between our back & frontend services, and designing a reusable component library to achieve consistency throughout our apps.

Frontend Software Engineer

Grassp Health / Sep 2018 - June 2019

- Designed & developed new features for a web app built with React/Redux and Spring MVC.
- Worked closely with CEO & CFO to design a new user interface using Material-UI.
- Successfully released updated application as a Progressive Web App with support for service workers, push notifications, and offline support.

02. PROJECTS

Amazon Giveaway Bot - Chrome extension to win Amazon Giveaways

- Built with vanilla JS and Webpack.
- Features include CAPTCHA solving, customizable filters, and support for multiple accounts.
- Bypasses client side validation to enter giveaways without fulfilling time intensive entry requirements.

UCSB Map - Interactive map of the UCSB campus

- Built with React/Redux, Leaflet.js, Java Spring MVC, and MongoDB.
- Features a fully responsive UI, custom styled map tiles, an easy to use search tool, and interior floor plans to make finding rooms easier than ever.
- Integrates easily with UCSB online schedules via a chrome extension, allowing students to view classroom locations with one click.

Isla Vista Emergency Map - Interactive map of real time emergencies

- Built with React/Redux, Express.js, Google Maps, and MongoDB.
- Streams live tweets from SB County Fire using the Twitter API.
- Converts addresses from tweet content into map markers using Google Maps API.

03. SKILLS

LANGUAGES

JavaScript (ES6+)
HTML, CSS
Bash
Java

FRAMEWORKS

React.js, Redux
Express.js
Aurelia.js
Gatsby.js

TOOLS & TECH

Node.js
Webpack
Leaflet.js
Linux

UI/UX

Adobe Illustrator
Sketch App
Material-UI
Bootstrap

04. EDUCATION

UC Santa Barbara

Computer Science Engineering / 2014 - 2019

- Coursework focused on software development and data structures and algorithms.