

Matthew Trower

Web Developer

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Profile

Self-taught and self-motivated web developer with two years of experience leading development of responsive single-page applications. Seeking to contribute knowledge of modern front-end technologies in a cohesive team environment. Proficient in HTML, CSS, JavaScript, Python, React, Redux, and jQuery.

Work Experience

Lead Front End Developer - Coda Compliance

2017 - Current

- Led the development of all front end components for 3 MVP single page applications to service 7 firms and 14 customers within the first 6 months of joining.
- Built a dynamic UI that continuously integrated 36 new user driven product features, increasing active user sessions by 800%.
- Led the refactoring of original application from JavaScript/jQuery to React/Redux to improve, structure, maintainability, and performance.
- Leveraged the Google Maps API to develop an interactive map showing local zoning areas and elevation profiles, allowing users to estimate variance and leveling costs.

Territory Manager - Orthofix

2014 - 2016

- Achieved sales of 117% to quota and was awarded the "Quota Buster" Award in 2015.
- Communicated complex medical concepts and insurance guidelines to office staff and orthopedic surgeons.

Projects

Entitlement Risk Assessment

2019

- Built an app that visualizes the political risk of a new building project. This application was a crucial piece to secure strategic funding.
- Utilized Gatsby.js and React/Redux to improve page speed, resulting in a Google Lighthouse score of 96/100.

Risk Assessment Purchasing Portal

2019

- Created a landing page and a dynamic pricing tool that increased online orders of the Entitlement Risk Assessment by 50%.
- Automated customer information gathering, eliminating the need to contact customers again after they have placed their order.

Python Automation Scripts

2019

- Wrote scripts using Selenium to automate the gathering of publicly available data, saving an average of 20 hours of manual work every month.
- Led collaboration with the data team to test and validate results.

Education

UCSC Extension - Web Programming and Development

2017

- Composed modular components in React and leveraging a mounted DOM for improved UI rendering.
- Managed state with Flux architecture and taking advantage of one-directional data flow.

General Assembly - Javascript Web Development

2016

- Sharpened knowledge of the fundamentals of JavaScript and how to work with popular JavaScript frameworks and libraries.
- Built modern, single-page applications using common design patterns and best practices.

San Jose State University - B.A - Business, Marketing

2012

Skills

Languages:	JavaScript	Python	HTML5/CSS3				
Tools:	React/Redux	Firebase	Selenium	Git	jQuery	Flexbox	Bootstrap