

WESLEY CHANG

Adaptable, resourceful self-taught full stack developer with a passion for performance and JavaScript. Developed an algorithmic full stack JS bot to automate cryptocurrency trading via Bittrex API. Reduced 125kb CSS by more than 50% using a weightless BEM approach for MindTouch Inc. Shaved approximately 18 seconds from website search and decreased website page load time by 12 seconds for MindTouch, Inc.



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Bay Area, California

EXPERIENCE

CALBRIGHT COLLEGE REMOTE WEB DEVELOPER | JANUARY 2020 - PRESENT

As Web Developer on Calbright's Technology team and working directly with Chief Technology Officer, I designed and developed the Student Portal (student facing application) responsible for improving user experience, streamlining the matriculation process and creating a centralized location for course progress, communications and student services. Additionally, I maintained, improved, and standardized web accessibility and best practices for both public and student facing applications to align with Section 508 and WCAG 2.1 A-AAA standards. Note-worthy projects:

- Designed and developed Student Portal - serving more than 500 students with personalized content
- Automated web accessibility testing via homegrown full stack JavaScript application
- Automated deployments with CI/CD via Github Actions

MINDTOUCH INC. REMOTE FULL STACK DEVELOPER | JULY 2018 - JANUARY 2020

As Full Stack Developer on MindTouch Marketing, I spearhead all development projects, determining internal development best practices, deployment processes - I'm a fan of Bitbucket Pipelines - and of course, the development itself. In addition, I develop API integrations with multiple 3rd party services to sync data in multiple targets from a single event and develop custom data tracking solutions. Note-worthy projects:

- Continuous Deployment pipelines for mindtouch.com PHP packages
- Automated E2E testing with Cypress.io and unit testing with Jest
- MindTouch Network Search - an algorithmic search engine compatible with WordPress Multisite
- MindTouch Blocks & Formats - Entirely ReactJS based editing experience compatible with new WordPress Gutenberg

MINDTOUCH INC. REMOTE FRONT-END DEVELOPER | 17 JULY 2017 - JULY 2018

Being a Front-end developer at MindTouch, I am primarily responsible for transforming Adobe PSD/XD files into functional, highly optimized and mobile-first user experiences. Using tools like Gulp and Rollup allowed for automated build processing for SASS, CSS prefixing, minification, ES6 javascript, and live reloading. Other responsibilities included cross-platform email development with MJML, developing front-end libraries for component reusability, performance improvements and maintainability heavily achieved by a weightless CSS approach and atomic BEM methodology.

SHENZHEN VALLEY VENTURES REMOTE FULL STACK DEVELOPER | 8 APRIL 2016 - DECEMBER 2017

Maintained, improved and measured SVV's WordPress site from top to bottom. Developing main marcom site from scratch while driving web traffic via blogging and promoting content through social channels. Google Analytics and FullStory provided insight into better understanding traffic quality and user experience while my custom developed WordPress theme made for rapid development of SVV's website.

TITAN MARKETING INC. REMOTE FULL STACK DEVELOPER | 22 AUGUST 2016 - JULY 2017

Developed, maintained and optimized internal WordPress sites as well as external client sites. In addition to full scale websites, I designed and deployed landing page funnels with an emphasis on lead generation, leveraging build tools like Gulp and Rollup to automate development and performance workflows. To brag a bit more, I developed a custom OOP WordPress starter theme with ES6, SCSS, image optimization and live reload support, decreasing time to project completion.

PROJECTS

CRITICAL STYLES

Automate, organize, and manage *critical CSS* for all of your sites and web apps.

Built with: NodeJS, ExpressJS, Redis, MongoDB, GraphQL, ReactJS, and Styled Components.

Deployed to: Netlify and Heroku

SEMANTIC BLOCKS

The missing Gutenberg Blocks every Content developer needs in WordPress.

Built with: GatsbyJS, PHP, ReactJS, and Sass

Deployed to: Netlify

MINDTOUCH NETWORK SEARCH

Algorithmic, WordPress Multisite compatible Search & Related Content.

Built with: PHP, JavaScript, Sass, MySQL, Full Text Search (TF-IDF, BM25)

Deployed to: MindTouch with Bitbucket Pipelines

EDUCATION

WEST VALLEY COMMUNITY COLLEGE GE/TRANSFER | 28 AUGUST 2013 - 2015

Community college, everyone's grace period before discovering what their lives are meant for. I'm no exception. West Valley gave me the opportunity to experience OOP with Java and build connections with like-minded individuals.

ANN SOBRATO HIGH SCHOOL HIGH SCHOOL DIPLOMA | 2009 - 2013

The gateway to all of my entrepreneurial endeavors which included designing and creating custom silk-screened clothing often times for extracurricular workshops like Student Body or Future Farmers of America (FFA).

REFERENCES

KATE KASSAB GRAPHIC DESIGNER @ MINDTOUCH INC., EMAIL: UPON REQUEST

Being a Full Stack Developer, I've learned how to prioritize on development related tasks, though on occasion, I will have to dive deep into design. Kate—a brilliant and passionate graphic designer who strategizes front-end design and develop most graphic collateral for MindTouch Marketing—quickly became my go-to resource for all things design, for both professional and personal projects.

ARI HOFFMAN DIRECTOR @ COVEO, EMAIL: UPON REQUEST

As a self-taught developer highly focused on improving my technical skillset, Ari has taught and encouraged me to focus on achieving personal goals. While unintentional, Ari's naturally bright personality coaxed me to break out of my natural introversion allowing me to communicate more effectively with my colleagues.

TRAVIS LEVELL FOUNDER @ TITAN MARKETING INC., EMAIL: UPON REQUEST

The founder of Titan Marketing Inc., gave me an opportunity to test the waters in the online marketing scene. A mentor and friend who not only supported my entrepreneurial endeavors but also taught me the importance of value, how to add value sustain value.

DIANE DING GENERAL MANAGER @ SHENZHEN VALLEY VENTURES, EMAIL: UPON REQUEST

Diane made me a part of the team at SVV, provided me with extensive knowledge surrounding the hardware manufacturing industry, and allowed me to write content for the SVV blog, opening up several paths I could take for my career in tech.