

ERIC WANG

SOFTWARE ENGINEER

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SUMMARY

Full stack software engineer, centered around front end development of UI features and coupling data with backend dependencies. Excels at cross team collaboration, utilizing proactive communication skills and holistic understanding of product requirements to be an effective project manager and team player. Integrated, product driven approach to engineering further supplemented by creative freelance work and media communications background.

SKILLS

WEB APPLICATION FRAMEWORKS: ReactJS, Ruby on Rails

WEB TECHNOLOGIES: HTML5, CSS, TypeScript

PROGRAMMING LANGUAGES: JavaScript, Ruby, SQL

DATABASE TECHNOLOGIES: MySQL, Firebase

AUTOMATED TESTING FRAMEWORKS: Jest, Selenium, Enzyme

EMPLOYMENT

Jobcase, Inc (formerly Upward.net), Software Engineer, 201 Broadway Cambridge, Massachusetts 02139

Oct. 2020 - Jan. 2023

- Coordinated engineering requirements, QA new features and hot-fixes, and streamlined communications between product, design, customer service and engineering
- Modernized functionality through ongoing front end UI migration to React JS, projects include porting over existing JSP processes and building new presentational overlays and interactive elements for more user friendly experience
- Improved codebase readability through removal of excess, outdated code and reorganization of unordered components into ordered component trees with generalized, reusable higher order components
- Directed test driven development project by designing and building out Jest test framework for component unit testing and automated Selenium integration testing
- Optimized site response times through reformatting of data from string queries to JSON objects and rewriting front end network calls to match up to new back end microservice APIs
- Streamlined development process with firsthand implementation of agile development, along with regulated code deployment and maintenance
- Led and facilitated bi-weekly product meetings to showcase new engineering features

Tract Learning, Inc., Remote Engineering Consultant, 1062 Sanchez St. San Francisco, California 94114

Aug. 2020 - Sept. 2020

- Project based contractor position with EdTech start up involving extensive analytical work and communications with design, engineering and product leads toward building effective educational products
- Headed the development and implementation of new features in React JS, specifically front end integration of basic search using Algolia API and Firebase back end data, and a filter component for displaying sorted student created content

Edmodo, Software Engineer, 777 Mariners Island Blvd, San Mateo, California 94404

Aug. 2017 - July 2020

- Lead application planning and implementation of new features as part of enhanced teacher-to-student experience, including integrated third party applications and tools for managing educational resources
- Improved site load times by optimizing front end with modern react API features such as Hooks
- Utilized Jira and Figma effectively to work with Design, Marketing and Support teams and to deliver comprehensive products and features
- Built new internal facing UI for administrative support including user resource management, filters
- Ongoing migration of old code base and existing functionality to newly standardized React JS front-end and Ruby on Rails back-end
- Implemented rebrand designs for new product communications, including CSS styling email templates, banners and notifications
- Evaluated database queries and using SQL expressions
- Refactored both front end and back end code bases through writing robust unit tests, debugging and general code cleanup

EDUCATION

New York University

B.S. Media Culture Communications 2017

Computer Science minor

Aug. 2013 - Dec. 2016

ADDITIONAL PROJECTS

Videography and Transcription for Zap Surgical

Handled editing, arrangements and subtitle insertion for various videos and shorts

May 2020 - 2021

Iconography and Illustration for PACPC

Designer of organization visuals, including original logo and cartoon visuals for a published educational booklet

Dec. 2015 - Aug. 2016