

Eric G.Tso

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[linkedin](#) | [github](#)

skills

Frontend: React, Redux, JavaScript, jQuery, CSS3, HTML5, Material UI, Bootstrap, SASS

Backend: Node.js, Express.js, Ruby, Ruby on Rails, RSpec, PostgreSQL, MySQL, MongoDB

Experience: WebRTC, GraphQL, TDD, OOP, Dynamic Programming, Webpack, Babel, NPM, AWS (S3, EC2, IAM)

projects

Sharebnb (Ruby on rails, Bootstrap, AWS S3, JQuery)

[live site](#) | [github](#)

A fully-spec'ed full-stack app for finding and booking homes

- Project features user identification with SMS(via mobile #), real-time private message with ActionCable, setting instant/request booking, calendar - setting availability and price, calendar - showing reservations, payments with credit card(via Stripe), payout to hosts with stripe connect, revenue charts for hosts, sending email and text notifications when Booking successfully.
- Securely protected user data by implementing email confirmation and Facebook Authentication
- Utilized Active Storage to store image uploads in the cloud using AWS S3, reducing server load and allowing app to scale.
- Created validation functions on the backend using Active Record to prevent users from making overlapping bookings.

TSOCode | (MongoDB, Express.js, Redux/React, Node.js)

[live site](#) | [github](#)

An online code editor for collaboration, teaching and interviews.

- Utilized third party libraries to build a collaborative platform with real-time code editor so that you can share what you are coding/typing on the screen with other people at the same time, just like Google Docs.
- Incorporated Web Real-Time Communication (WebRTC) and Socket API's allowing peer to peer communication through chat and video call.
- Secured application routes and generated user authentication by utilizing Facebook Authentication API and incorporating Crypto hashing functions and custom React-Router components.

BayConnect | (React/Redux, Javascript)

[live site](#) | [github](#)

A social media platform for Developers in the Bay Area to connect.

- Configured Passport middleware with JSON web token (JWT) strategy to give sensitive data two level protection and maintain great user experience; current user login status was maintained even after application reload.
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experience

Swope Design Solution/ Rapid Lab

Intern

Apr 2018 - Aug 2018

- Prototyped and assembled robotics for 6D Bytes's Robotic Robot-Made smoothie project Blendid.
- Overlooked the distribution of Rapid Lab's products and the revamped their website.
- Coordinated with Filament to prototype their newest product the Blocklet Usb Enclave.

Quest Events

Installer

Jun 2017 - Sep 2017

- Referred to blueprints, repair manuals and parts catalogs to diagnose and repair equipment.
- Installed equipment and new and replacement parts.

education

San Francisco State University (Spring 2017)

Computer Engineering

App Academy (2019)

1000-hour immersive full-stack web development intensive with <3% acceptance rate