

QI HUANG

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SKILLS Ruby, Rails, React, Redux, JavaScript, Node.js, HTML5, CSS3, GraphQL, SQL, PostgreSQL, MongoDB, Git, OOP, TDD

EXPERIENCE

Associate Full Stack Engineer

Nov 2018 - Present

Codazen

- Built and deployed company's new website with Contentful, Gatsby, and Netlify.

Operations Specialist

May 2016 - Nov 2017

Renesola America Inc.

- Managed sales orders, quotes, shipments, invoices, payments, and customer accounts in over 30 states.
- Expedited internal communication to support sales and logistic process for clients and projects.
- Analyzed monthly sales and inventory data using ERP software to report adjustment, balance, cost, and trend.

Tax Assistant

Jan 2016 - Apr 2016

Litwak & Associates

- Compiled individual, partnership, and corporate tax documents with QuickBooks and CCH ProSystem Tax.
- Handled more than 50 tax returns in compliance of state and federal regulations during tax season.

Tutor

May 2010 - Jun 2011

Chabot-Las Positas Community College District

- Oversaw and coached 40+ students weekly in algebra, geometry, and calculus.

EDUCATION

App Academy

Apr 2018 - Jul 2018

Immersive 1000-hour full stack web development course with < 3% acceptance rate

University of California, Berkeley

Aug 2011 - Dec 2013

BS Environmental Sciences

PROJECTS

Chifan (React/Redux, Node.js)

[LIVE](#) | [GITHUB](#)

Lightweight food guide built with React/Redux, Node.js, and Yelp Fusion API.

- Built reusable form component with custom input field and async functions to perform reads and writes in database.
- Integrated Yelp Fusion to fetch data based on search and Google Maps to generate labeled markers from coordinates.
- Implemented multiple filters and like button for more specific results and a navigation bar to separate list items by pages.

Met (Rails, React/Redux)

[LIVE](#) | [GITHUB](#)

Airbnb clone in a Middle-earth theme built with Rails, React/Redux, and PostgreSQL.

- Designed a search bar with recent input history and used PgSearch for full text search by relevance of keywords.
- Integrated Google Maps API to display data results in markers and allow users to filter by name and location.
- Leveraged CSS Flexbox to design responsive page layout for seamless navigation in desktop and mobile devices.
- Implemented back end authentication with BCrypt and managed user login credentials with Redux flow.
- Incorporated RESTful routes for AJAX calls and normalized data state shape in JSON to improve loading performance.

Taiko (JavaScript, HTML5)

[LIVE](#) | [GITHUB](#)

Mini rhythm game featured Taiko drum built with vanilla JavaScript and HTML5 canvas.

- Created pseudo random algorithm to dynamically animate musical notes based on beats per minute of music.
- Engineered DOM event listener, collision detection, score counter, and bonus reward mechanism during gameplay.
- Designed canvas graphics, user interface animation, music control, sound effects, and game over screen.

HackBox (React, Apollo/GraphQL)

[LIVE](#) | [GITHUB](#)

Online card game platform built with React, Apollo/GraphQL, and MongoDB.

- Utilized Apollo client to run front end queries and mutations for fast fetching and predictable results from database.
- Implemented GraphQL subscriptions to broadcast user input and game progress to produce a multiplayer experience.

LANGUAGES Chinese, English

ORGANIZATION Cal Alumni Association