QI **HUANG**

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SKILLS

Ruby, Rails, React, Redux, JavaScript, Node.js, jQuery, HTML, CSS, SQL, PostgreSQL, MongoDB, Git, OOP, TDD

PROJECTS

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.

Chifan (React/Redux, Node.js)   LIVE | GITHUB

Work in progress built with React/Redux, Node.js, and MongoDB.
- Built form input component to read, write, and update values with customization of field, type, and async functions.
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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.

EXPERIENCE

Operations Specialist

Renesola America Inc.   May 2016 - Nov 2017
- Managed sales orders, quotes, validation, shipment, invoicing, and customer accounts in over 30 states.
- Improved logistic support for sales and project teams by expediting communication and fulfillment process.
- Analyzed monthly sales and inventory data with ERP software to report adjustment, balance, cost, and trend.

Tax Assistant

Litwak & Associates   Jan 2016 - Apr 2016
- Compiled individual, partnership, and corporate tax documents in QuickBooks and CCH ProSystem Tax.
- Handled more than 50 tax returns in compliance of state regulations and federal laws under deadline.

Math Tutor

Chabot-Las Positas Community College District   May 2010 - Jun 2011
- Oversaw and coached 40+ students weekly in algebra, geometry, and calculus.

EDUCATION

App Academy   **Spring 2018**

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

University of California, Berkeley   **Aug 2011 - Dec 2013**

BS Environmental Sciences