QI **HUANG**

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

PROJECTS

Met   (Rails, React/Redux)   LIVE | GITHUB
Airbnb clone in Middle-earth theme built with Rails, React/Redux, PostgreSQL, and HTML5/CSS3.

- Designed a search bar with search history and utilized PgSearch to query database based on relevance of keywords.
- Integrated Google Maps API to display search results and allow users to filter by name, location, and price.
- Leveraged CSS Flexbox to design responsive layout and seamless page navigation for desktop and mobile devices.
- Implemented back-end user authentication with BCrypt and managed login credentials through Redux store.
- Incorporated RESTful routes for flexible AJAX requests and JBuilder for faster data lookup and update.

Taiko   (JavaScript, HTML5/CSS3)   LIVE | GITHUB
Music rhythm game featured Taiko drum built with JavaScript and HTML5 canvas.

- Created pseudo random algorithm to dynamically animate music notes based on beats per minute of music.
- Engineered DOM event listener, collision detection, and score mechanism for user input during gameplay.
- Designed canvas graphics, UI animation, music/sound effect controls, and game ending scene.

HackBox   (React, Apollo/GraphQL)   LIVE | GITHUB
Online party game platform inspired by Jackbox built with React, Apollo/GraphQL, and MongoDB.

- Utilized GraphQL to simplify database queries and Apollo to implement front-end mutations and subscriptions.
- Built game rules and methods to create room, join players, monitor progress, handle inputs, and render results.
- Co-designed user interface to manage multiplayer interaction and produce enjoyable gaming experience.

EXPERIENCE

Operations Specialist
Renesola America Inc.   May 2016 - Nov 2017

- Managed sales orders, quotes, validation, shipment, invoicing, and customer accounts for 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 documents in Quickbooks and CCH ProSystem Tax.
- Handled more than 50 tax returns in compliance of state regulations and federal laws.

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