

# QI HUANG

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**SKILLS** Ruby, Rails, Javascript, React, Redux, HTML5, CSS3, jQuery, SQL, PostgreSQL, Git, OOP, REST, TDD

## PROJECTS

**Met** (Rails, React/Redux)

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

*Met is an Airbnb clone in Middle-earth theme built with Rails and React/Redux.*

- Integrated Google Maps with search bar to allow users to view and filter spots by name and location.
- Leveraged CSS flexbox to design mobile-friendly layouts and seamless page navigation.
- Incorporated Bcrypt for user authentication and PgSearch to improve database requests.

**Taiko** (JavaScript, HTML5/CSS)

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

*Taiko is a music rhythm game featured Taiko drum built with JavaScript and HTML5 canvas.*

- Created pseudo-randomized algorithm to dynamically animate music notes based on music bpm.
- Engineered key event listeners and collision detection for user input during the gameplay.
- Implemented canvas rendering, UI animation, and music/sound effect controls.

**HackBox** (React, Apollo/GraphQL)

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

*HackBox is a multiplayer party game platform inspired by Jackbox built with React and Apollo/GraphQL.*

- Implemented frontend GraphQL query, mutation, and subscription with React-Apollo.
- Built rules and methods to create room, join game, monitor progress, handle input, and render result.
- Co-designed user interface to produce enjoyable gaming experience.

## EXPERIENCE

**Operations**

*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 fulfillment process.
- Used enterprise resource planning in monthly sales and inventory report to analyze and identify trends.

**Tax Assistant**

*Litwak & Associates*

Jan 2016 – Apr 2016

- Compiled individual, partnership, and corporate documents with Quickbooks and CCH ProSystem Tax.
- Handled more than 50 tax returns with confidentiality 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 with other tutors.

## EDUCATION

**App Academy, Spring 2018**

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

*Topics include: TDD, scalability, algorithms, OOP, coding style, REST, security, single-page apps, and web development best practices*

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

*BS Environmental Sciences*