

Yaakov Beiss

Software Engineer

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Projects

Imagest - React.js, Redux, JavaScript, Ruby, Postgres, CSS, HTML

[Link](#) | [Github](#) | *Full-stack image-sharing web application inspired by Imgur.com*

- Implemented Rails polymorphic associations enabling users to comment on posts and infinitely nested comments, enabling users to vote on posts and comments.
- Created reusable, DRY react components, allowing for code maintainability and scalability.
- Preloaded data in SQL queries to provide for quick loading of resources.
- Designated modal slice of Redux state for uploading posts, allowing for seamless UI.

Guitar Hero - JavaScript

[Link](#) | [Github](#) | *Guitar-Hero game written purely in JavaScript*

- Created button, channel, and note classes, simplifying and separating different concerns.
- Reanimated and repositioned Canvas HTML elements to conform to the beat of the song.
- Designed Interactive UI - buttons/notes respond to user input, mimicking original GH gameplay.
- Gameplay initiates in JavaScript asynchronous callbacks, ensuring audio is loaded before start.

Chess - Ruby

[Github](#) | *Chess game with written in Ruby*

- Wrote Slidable and Stepable modules, dividing piece move logic and including them as necessary.
- Rescues incorrect input from players (like placing yourself in check) to ensure continuous gameplay.
- Implemented side-attacks and two-step first moves for Pawns using conditional logic.

Work Experience

Investment Management, Seasonal Tax Intern - PriceWaterhouseCoopers, New York

Jan 2016 - April 2016

- Prepared K1 tax returns for partners, allocating income based on ownership percentage.

Direct Service Professional - Womens League, New York

Jan 2016 - April 2016

- Supervised and assisted residents during meal preparation, housekeeping responsibilities, personal hygiene, facilitating a high quality of life for developmentally disabled individuals.

Education

App Academy, New York — Full-Stack Web Development

May 2017 - July 2017

- 1000-plus hour Full-Stack web development course with 3% acceptance rate
- Curriculum includes: Rails, React, TDD, scalability, algorithms, OOP, coding style, single-page apps, web development best practices.

Bachelors of Science in Accounting - Touro College

Jan 2012 - March 2017

- Graduated Summa Cum Laude with a GPA of 3.92.
- Completed CPA exams

Profile

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Skills

Ruby
Ruby on Rails
JavaScript
jQuery
React.js
Redux
SQL
Git
HTML
CSS
RSpec