

Menachem Abraham
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SKILLS

JavaScript, Ruby, Rails, React.js, Flux (Redux), jQuery, SQL, HTML5, CSS3, Git

PROJECTS

SpotBnb (Rails, PostgreSQL, React, Redux)

[Link](#) [Repo](#)

SpotBnb is an AirBnB-inspired full stack single page web application for vacation listings.

- Optimized aggregation of search results using eager-loaded data and efficient custom queries to reduce hits to the database.
- Stored image uploads in the cloud using AWS S3, reducing server response load and increasing scalability.
- Leveraged the flux cycle to initialize other pages and maps with selected search inputs.
- Parsed search parameters to correct for edge-cases that cross the dateline.

Chess (Ruby)

A command line chess game designed to compare different ai algorithms.

- Built an easy cursor interface.
- Implemented a minimax algorithm increasing the depth of move predictions.
- Programmed the BFS player to be compatible with concurrent threads allowing for a stronger ai without affecting the flow of gameplay.

Bejeweled (JavaScript)

An interactive tile matching game for the browser.

- Separated the synchronous logic from the asynchronous animation, resulting in a seamless game play graphics.
- Designed a recursive method to intelligently check for new matching jewels after each match.

EDUCATION

App Academy

2017

- 1000-hour Software engineering course with a < 3% acceptance rate and a focus on code style, best practices and scalability.
- Topics include: Rails, React, SQL, TDD, OOP, single-page apps, and design patterns.

Central Yeshiva Tomchei Tmimim Lubavitz

2013

- BA in Rabbinical Studies

WORK HISTORY

Kollel Rabbi

2014-2017

Congregation Anash, Brooklyn, NY

- Analyzed Jewish legal texts to successfully determine relevant religious rulings.
- Deconstructed complicated precedents into their smallest legally applicable components.

Student Mentor

2013-2014

Rabbinical College of America, Morristown, NJ

- Achieved %100 retention rate amongst failing students assigned to me.