

Skills

Frontend: React/Redux, HTML5, CSS3

Backend: Ruby on Rails, Express.js, Node.js

Database: PostgreSQL, MongoDB

Languages: JavaScript, Ruby, SQL, Python,

Other: Webpack, Babel, Git, jQuery, Heroku

Projects

iFluent

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

[React, Redux, Ruby on Rails, and Postgresql, Heroku,](#)

Fullstack clone of iTalki, a language learning platform.

- Designed the ability to search for teachers by language by sending the language name as a query and establishing Active Record associations between teachers and languages.
- Improved state organization by storing core data types in objects and making the IDs as keys and data as values, achieving constant lookup time and normalizing the Redux store.
- Leveraged the React-Slick library to build a photo gallery that allows users to click through slides using navigation arrows.

Mood Booster

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

[MongoDB, Express, React, and Node.](#)

Single page app that boosts motivation for software engineers.

- Developed a dynamic API route that handles favoriting functionality for all three content types (photos, videos, and quotes) by sending content-identifying information in the request body of every Axios call.
- Implemented CRUD commenting functionality by embedding comment documents in all three content type Mongoose models and referencing the user's ID within comment documents.
- Customized private API routes by storing signed JSON Web Tokens in the request headers upon successful login/sign up.

Piano Tiles

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

[Vanilla JavaScript, HTML5 Canvas, and OOP design principles.](#)

Single-player game containing two modes where the goal is to tap tiles quickly while avoiding non-target tiles.

- Assured accurate countdown timers using JavaScript's Date object to achieve stable frame-rates,
- Designed dynamic game play by incorporating keypress and mouse click functionality, using event listeners to access keypress codes and offset values.
- Utilized Canvas's request animation frame to smoothly animate the movement of tiles by a pre-specified amount.

Experience

Outreach and Recruitment Manager | September 2018 - June 2019 | Breakthrough San Francisco

- Completely redesigned website for friendlier usability, launching new brand identity and incorporating new colors and logo. (www.breakthroughsf.org)
- Excelled in building relationships with families, volunteers, and teachers, successfully admitting 36 historically underserved students to join Breakthrough's 8-year program to become first-generation college students.

Education

App Academy | 2019 | San Francisco, CA

1000-hour full-stack web development immersive with <3% acceptance rate.

UC Berkeley | 2014-2018 | Berkeley, CA

BA of Cognitive Science, Minor in Music

Recipient of the Cal Opportunity Scholarship (2014) - A prestigious UC Berkeley full-ride scholarship.