

JASON LIU

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PROJECTS

OnTap (Rails, PostgreSQL, JavaScript, React, Redux) - [Live](#) | [Github](#)

A single page app for sharing and rating beer inspired by UNTAPPD

- Limit SQL queries to server by caching data on the front-end.
- Minimize number of AJAX requests, utilizing ActiveRecord, Rails' native ORM framework to display results by request params.
- Store images and user image uploads in the cloud using AWS S3 and Paperclip, allowing app to scale.
- Protect CRUD operations through back-end user authentication.
- Streamline unidirectional data flow through RESTful JSON API on the Ruby on Rails backend, updating React components in real time.

League of Numbers (JavaScript, Rails, D3.js, jQuery) - [Live](#) | [Github](#)

Interactive visualization of player stats rendered with D3.js

- Aggregate statistics for each player by compiling data across multiple requests to the Riot API.
- Optimize load times by running batch API fetches regularly and storing dataset server-side.
- Create a visual experience for users by rendering different charts on interaction, and making specific AJAX requests on user input.

ThunderDOM (JavaScript) - [Demo](#) | [Github](#)

Lightweight library for DOM manipulation and AJAX requests

- Abstracts browser DOM API into JavaScript objects for intuitive traversal and manipulation of HTML elements.
- Easily remove event handlers by storing event handler callback functions on the DOM node.
- Built Thundernews using ThunderDOM to create DOM elements, assign event handlers, and make AJAX requests.

SKILLS

Ruby	Rails	JavaScript	React.js	Redux
ES6	Git	HTML5	CSS3	MySQL
D3.js	Rspec	jQuery	AWS S3	Postgres

EDUCATION

App Academy February 2017 – May 2017
Full Stack Programming New York, New York

Rensselaer Polytechnic Institute September 2007 – May 2011
Business Management Troy, New York

WORK

Recruitment Coordinator March 2013 – May 2016
Community Blood Services Montvale, New Jersey

- Implemented HemaConnect CRM Application, tracking progress ensuring project milestones and launch deadlines were met with desired results.
- Created donor clubs, increasing donor retention by 30%.
- Managed and tracked donor email campaigns, targeting specific donor demographics by writing SQL based reports.