

Aaron X. Zheng

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TECHNICAL SKILLS

React.js | Ruby on Rails | Ruby | JavaScript | HTML / CSS | SQL | Git | JQuery

PROJECTS

Whimsy Notes (Rails/React)

[Live](#) | [Github](#)

A single page note-taking web application inspired by Evernote

- Incorporates Quill.js library to render a rich text editing experience.
- Notes are updated in real time on the site by utilizing AJAX requests to update state .
- Prevents excessive AJAX requests by waiting for the user to stop typing before dispatching the requests.

FeatherFall (JavaScript/HTML5 Canvas)

[Live](#) | [Github](#)

A JavaScript-based browser game

- Utilizes responsive keyboard controls to allow for smooth eight-way movement.
- Incorporates Canvas.js to render and control the game board.
- Pre-renders assets on a separate canvas to improve performance.

Tracks (Ruby/SQL/Rack)

[Github](#)

A backend framework modeled after Rails and ActiveRecord

- Utilizes a combination of a self-made rendition of ActiveRecord and Rails to prompt lifecycle responses through the middleware Rack.
- Capable of cookie storage and model associations to improve responses from the server.

EDUCATION

AppAcademy

New York, NY

Web Development Program

December 2018

- Rigorous 1000-hour full-stack development course with < 3% acceptance rate
- Emphasis on clean coding practices, TDD, REST, and paired programming.

The State University of New York, University at Buffalo

Buffalo, NY

Jacobs School of Medicine and Biomedical Science

May 2018

Bachelor of Science in Pharmacology and Toxicology

- Relevant Coursework: Introduction to Computer Science, Calculus I & II , Physics I & II, Psychological Statistics