

# Aaron X. Zheng

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## TECHNICAL SKILLS

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

## PROJECTS

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### Whimsy Notes (Rails/React/PostgreSQL/Redux)

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

A single page note-taking web application inspired by Evernote

- Incorporates Quill.js library to render a rich text editing experience.
- Implemented notebook, note, and tag CRUD using Rails associations.
- Debounces AJAX requests for search resulting in less database querying

### 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 using controller methods and model associations to improve responses from the server.

## EDUCATION

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### 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

[LinkedIn](#)

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[Github](#)

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[Portfolio](#)