# Aaron X. Zheng

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## TECHNICAL SKILLS

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

## PROJECTS

**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

**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      |      Github      |      Portfolio