

Jessica Yao

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[GitHub](#) • [LinkedIn](#) • [Website](#)

Projects

Ripple (Ruby on Rails, React/Flux)

[Link](#) • [GitHub](#)

A user friendly project creation and fundraising app inspired by Kickstarter

- Integrates Amazon Web Services and Paperclip to handle large volumes of picture uploads
- Designed project objects that update when users donate to projects
- Features dynamic status bar using PGSearch that can search for project by title or author

Beginner's Piano (Javascript, jQuery)

[Link](#) • [GitHub](#)

Browser-based game that teaches simple piano songs built using Flux

- Incorporates a recorder on the frontend by creating track objects that store key information
- Produces sound using AudioContext objects that respond to user's key inputs

Wrapper (Ruby)

[GitHub](#)

Basic features of jQuery

- Uses DOM nodes to generate jQuery-like objects and jQuery-like methods

Skills

Ruby, Ruby on Rails, JavaScript, jQuery, React, Flux, SQL, Git, HTML, CSS

Education

UNIVERSITY OF ROCHESTER (May 2010 – Dec 2013)

B.S. in Biochemistry

- GPA 3.77/4.0, Dean's List 7 of 7 eligible semesters, Graduated Cum Laude
- Sigma Psi Zeta Sorority, Inc.'s Vice President and JSA's Department Liaison

APP ACADEMY (Feb 2016 – April 2016)

Web development

- App Academy is a rigorous 1000-hour full-stack web development course
 - Has a 3% acceptance rate
- Covered Rails, SQL, JS, React, TDD, algorithms, scalability, single-page apps, and web security

Work History

REGENERON PHARMACEUTICALS, INC. (Fall 2008 – Summer 2014)

Research Intern

- Contributed to the development of a new pharmaceutical drug
- Participated in the Westchester Science & Engineering Fair
 - Won the Future of Medicine Award