

Ethan Schneider

[Github](#) [LinkedIn](#) [Personal Site](#)

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PROJECTS

Readly (Rails, PostgreSQL, React, Redux)

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

A full-stack, single-page RSS feed aggregator, inspired by Feedly

- Implements custom rake task using Feedjira and Sanitize APIs to parse XML data and extract articles from online publications
- Enables real-time search of RSS feeds using a controlled React component and backend SQL queries
- Leverages JBuilder partials and reusable React components to keep code DRY

Shmethan: Mystical Audio Sequencer (JavaScript, jQuery, Web Audio Api, HTML, CSS) [Live Site](#) | [Github](#)

An interactive audio sequencer that allows users to create their own rhythms, melodies, and harmonies.

- Implements precise rhythmic sequencing using basic Web Audio API instead of external libraries
- Manipulates the DOM using the jQuery API to display the current beat
- Leverages Web Audio API node routing, allowing users to add effects to their beats

wORMhole (Ruby, SQLite3)

[Github](#)

A philosophy-based quiz game that implements a custom Object-Relational Mapping

- Implements core concepts in meta-programming to construct an object-relational mapping (ORM) that converts entries in the SQLite database into Ruby objects
- Allows users to enjoy the game via a command-line interface

EDUCATION

App Academy (Fall 2017)

- Immersive software development course with focus on full stack web development
- Rigorous program that accepts < 3% of all applicants (number of hours?)

Yale University (Spring 2014)

BA - Mathematics and Philosophy, GPA 3.75, distinction in the major

- Curriculum highlights: *Linear Algebra, Multivariable Calculus, Set Theory, Logic and Computability, Stochastic Processes, Introduction to Programming*
- Twice named a Light Fellow and awarded fully funded scholarships to study Mandarin Chinese

SKILLS

Ruby, Ruby on Rails, JavaScript, jQuery, React.js, Redux, SQL, Git, HTML5, CSS3, Mandarin Chinese

EXPERIENCE

Community Fellow

Immigrant Justice Corps

Sep 2015 - Aug 2017

- Provided free legal assistance to over 500 low-income immigrants in New York City
- Communicated daily with clients in Mandarin Chinese to screen for immigration eligibility and to assist with applications for immigration status, with over 95% success rate

SAT/ACT Tutor

Ivy Link

July 2015 - May 2016

- Taught math, science, and English to high school students