

Ethan Schneider

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

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SKILLS

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

EDUCATION

App Academy (Fall 2017)

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

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

PROJECTS

Readly (Rails, PostgreSQL, React, Redux)

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

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

- Implements custom rake task that uses 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
- Keeps code DRY with backend jbuilder partials and frontend reusable React components

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
- Utilizes jQuery to manipulate the DOM in time with the audio sequence
- Users can change add and remove notes, change tempo, and add effects while sequencer is playing

wORMhole (Ruby, SQLite3)

[Github](#)

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

- Implements an object-relational mapping (ORM) to convert entries in the SQLite database into Ruby objects
- Allows users to enjoy the game via a command-line interface

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 concepts in math, science, reading and grammar to high school students preparing for college entrance exams