

# 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
- Keeps code DRY with jbuilder partials and 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
- Allows users to 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 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

## 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

## 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