

ABIGAIL HERSH

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EDUCATION

- App Academy, 2018
 - 2000 hour coding intensive program, <3% acceptance rate
- University of California at Berkeley, 2017
 - BA-Cognitive Science

EXPERIENCE

Lead Software Engineer

App Academy

July 2018 - Present

- Implement features and write specs for ProgressTracker, the web app that students and instructors use to manage the course.
- Ruby on Rails backend and React/Redux frontend deployed on Heroku and integrated with CircleCI
- Delegate issues and act as direct resource for questions about the codebase
- Review pull requests and handle deploying to production on Heroku

Instructor

App Academy

January 2018 - Present

- Give lectures on various topics of the curriculum, including Ruby, OOP Principles, Rails, Testing, Javascript, React, and Redux
- Act as direct project manager to my circle of 6-7 students during their 2-week fullstack projects
- Lead bi-monthly Diversity and Inclusion Discussions, where we talk about issues of diversity, bias, and discrimination in the tech sphere
- Organize bi-monthly meetings for the Women of App Academy group, where current female students can connect and network with other female alumni

Data and Configuration Management

Aerojet Rocketdyne

Jun 2017 - Oct 2017

- Created a tool in Excel VBA to automate reading PDFs and logging their contents in an Excel Spreadsheet
- Assist in processes of product lifecycle management
- Enter data and ensure products meet specified requirements

SKILLS

- Ruby
- Rails
- SQL
- Python
- JavaScript
- React
- Redux
- HTML
- CSS
- Rspec
- Git
- CircleCI
- Heroku

PROJECTS

Slap

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

A single-page app based on the messaging app Slack

- Ruby on Rails back end and React-Redux front end
- Implements live chat through Actioncable
- Implements channel search and user search, as well as creating channels and DMs
- Uses a polymorphic association to implement messages that can belong to either a channel or a direct-message

Word Connect

[Github](#)

A CLI tool to see if there's a connection between two words via a path of synonyms

- Built in Python
- Uses nltk's wordnet library to find a word's synonyms
- Given a source and target word, builds out a tree of synonyms starting from the source
- Uses breadth-first-search to find a path of synonyms from the source word to the target word