

# ABIGAIL HERSH

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## SKILLS

React, Redux, Typescript, Python, Django, Flask, JavaScript, Go, HTML, CSS, Ruby, Rails, SQL, Git

## EXPERIENCE

### Full Stack Software Engineer

*Cockroach Labs*

May 2020 - Present

- Implement full stack features on the Cockroach Cloud platform using React, Redux, Typescript, and Go to allow users to smoothly interface with our innovative NewSQL database

### Full Stack Software Engineer

*Vigilant*

December 2018 - Present

- Implement full stack features affecting all areas of the platform using React/Redux and Django
- Write web-scraping scripts using Python
- Participate in code-reviews and provide meaningful feedback
- Work both independently and collaboratively when appropriate, taking ownership of features even outside of my comfort zone

### Instructor/Software Engineer

*App Academy*

January 2018 - November 2018

- 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
- 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

## EDUCATION

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

## VOLUNTEERING

### Organizer

*WTGNC App Academy*

March 2018 - Present

- Organize meetings every other month for WTGNC-identifying current students and alumni
- Find a speaker to present on a technical topic at the beginning of each meeting
- Facilitate a space for folks to network, provide support, and share experiences in the field

### Volunteer Teacher

*CodeNation*

June 2019 - Present

- Teach a web development class to high schoolers twice a week
- Deliver lessons to a class of ~30 students and provide individual help to students, grade assignments and projects
- Help inspire students, who otherwise wouldn't have access to these classes, to pursue and succeed in tech

## PROJECTS

### Word Connect

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

*An app that visualizes the tree-like relationship formed between a word and its synonyms*

- Flask backend, vanilla JavaScript and d3.js frontend, deployed on Heroku
- Builds out a tree of synonyms using NLTK's Wordnet corpus to find a word's synonyms
- Uses breadth-first-search to find a path of synonyms from the source word to the target word

### 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
- Supports 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