

# ABIGAIL HERSH

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I'm a software developer, barista, and coffee enthusiast eager to apply my skills at the intersection of tech and global markets to increase equity along the agricultural and commodity value chains.

## TECHNICAL SKILLS

React, Redux, Typescript, Javascript, d3, Python, Django, Flask, Go, HTML, CSS, Ruby, Rails, SQL, Git

## TECHNICAL EXPERIENCE

**Tech Lead / Sustainable Coffee Buyers Guide (SCBG)**

**11/2023 - present**

- Leading the development of SCBG's coffee pricing lookup platform, which helps users understand how much to pay for their coffee to support a living wage for producers
- Currently working with the field data team to centralize new and existing data to facilitate insight discovery and integration across SCBG products
- Updated the existing lookup tool to improve user experience and code quality, integrating React and adapting version control
- Built an interactive map-based budget-estimator tool with JavaScript, geojson, and d3 which helps roasters visualize how FOB prices correlate to income levels in different coffee-growing regions

**Member of Technical Team / Cockroach DB**

**05/2020 - 02/2023**

- Owned, implemented, and tested full stack features using React, Redux, Typescript, and Go on Cockroach Cloud, the cloud platform for the leading distributed SQL database CockroachDB
- Led the frontend development from start to release of Cloud SSO, working with product managers and designers to come up with the most intuitive user flows and think through edge cases, and with backend developers to shape the API for the frontend to use
- Identified and refactored pain points within our extensive front-end codebase so that we could improve current features and make new feature development faster
- Ran deployments, dealt with on call issues, onboarded new engineers, and code reviewed peers

**Full Stack Developer / Illumis (Acquired by ComplySci)**

**12/2018 - 02/2020**

- Led frontend and full stack development using React/Redux and Django for the political research and compliance search tool in the lead up to their acquisition
- Wrote Python scripts to find and scrape different types of public datasets with varying schemas and wrote comprehensive tests to catch and alert of unpredicted changes or captcha guardrails
- Built apis to feed our web-scraped data into our user-facing research and compliance platforms

**Instructor / App Academy**

**05/2018 - 05/2020**

- Prepared and delivered lectures on various topics of the curriculum, including algorithms, data structures, SQL, Ruby, Rails, Testing, Javascript, React, and Redux
- Mentored and supported my circle of 6-7 students throughout the course, and project managed their 2-week final fullstack projects
- Led the Women, Transgender, and Nonconforming (WTGNC) group, facilitating a space for folks to learn, network, and share experiences in the field with current and past students

### **COFFEE EXPERIENCE**

**Quality Control Fellow / Azahar Coffee**

**05/2024 - 07/2024**

- Spent 2 months in Colombia with Azahar's quality control team learning about the process of sourcing, buying, analyzing, and exporting coffee, fully in Spanish
- Determined quality of coffee samples based on physical traits such as weight, physical defects, and bean size
- Cupped coffee samples to find flavor profiles and screen for taste defects
- Visited coffee farms, bodegas, and dry mills to understand each part of the coffee production process

**Barista / Cafe Grumpy, Villager**

**05/2023 - present**

- Craft and serve specialty coffee and tea drinks with a high bar for quality and service in a high-volume cafe
- Train new baristas in milk steaming and coffee brewing and lead public facing latte art classes

### **VOLUNTEERING**

**Volunteer Instructor / Codenation**

**06/2019 - 06/2022**

- Taught a web development class to high school students with Codenation, a nonprofit that brings web development classes to under resourced high schools in NYC
- Delivered engaging lessons to a class of ~30 students, provided individual help to students and graded assignments and projects

### **LANGUAGES**

**English** (fluent), **Spanish** (proficient), **Tagalog** (beginner-intermediate)

### **EDUCATION**

**B.A COGNITIVE SCIENCE / University of California at Berkeley**

Other Programs: **App Academy 2018**, 2000 hour coding intensive program, <3% acceptance rate