

# Lillie Schachter

(she/her) · New York

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## EXPERIENCE

**Columbia University: Justice Through Code** April 2022 - March 2023  
*Director of Technical Instruction*

I ran the classroom and curriculum of this web development bootcamp that fights recidivism by providing high level education to individuals previously incarcerated.

- Taught 30-student cohorts in Python, Django, data structures, and algorithms
- Managed teaching-team of 9, weekly guest speakers, and professional mentors
- Built web and tech-interview curriculum via GitHub classrooms and LeetCode

**Cube Software — Backend Engineer** May 2020 - April 2022

I was the 3rd backend hire on this financial planning & analysis tool-suite with a Django backend and a Vue/React frontend, hosted on Amazon Elastic container service (ECS).

- Re-architected our backend API to utilize Django Rest Framework, increasing developer velocity, code readability and reliability
- Integrated third party connections such as Boomi, unlocking new clients leading to \$250k in additional yearly company revenue
- Led and improved agile processes (backlog groomings, standups, estimations, etc)

**Best Bet 55 — Junior Full Stack Developer** September 2018 - May 2020

Best Bet 55 was a full stack app with a React Native iOS frontend and a Django backend hosted on Amazon Elastic container service (ECS).

- Optimized SQL queries significantly with subqueries, Prefetch, select\_related
- Aided in containerizing and deploying multiple resources to AWS (ECS)
- Helped improve test coverage to over 80%

**American Museum of Natural History** June 2016 - September 2017  
*Helen Fellowship Recipient*

I was one of five people selected for this year-long fellowship to teach high-school-age girls to code as a tool for the natural sciences.

- Rewrote and taught CS curriculum of Python, SQLite, Git, and Bash
- Built 'Coding Climate Change' eTextBook used in NYC middle schools

## COMMUNITY

**Techies for Reproductive Justice — Open Source Contributor** 2023 - Present  
Meet engineering needs in projects working towards reproductive justice

**Meaning in Code Podcast — Co-host** 2023 - Present  
Co-founded podcast on finding meaning in software careers with Bennett Garner

## SKILLS

### Languages

Python3 · JavaScript  
SQL · Ruby · VBA

### Frameworks & Libraries

Django · Flask · Node  
Django Rest Framework  
React · TypeScript  
PostgreSQL · MySQL  
Redis · Celery · Git

## EDUCATION

**Connecticut College**  
*BA in Computer*

*Science*

May 2015

CS Department Head TA  
Dean's Honors List

## PROJECTS

[Diagonal Dominoes](#)

[Medium Blog](#)

## INTERESTS

Archery · Dance  
Regenerative Farming  
Twitch Streaming