

Lillie Schachter (she/her)

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EXPERIENCE

Columbia University: Justice Through Code, New York — *Director of Technical Instruction*

January 2022 - March 2023

- Taught 30-student cohorts in Python, Django, data structures, and algorithms
- Managed teaching team of 9
- Redesigned/built web and tech-interview curriculum via GitHub classrooms

Cube Software, New York — Backend Engineer

May 2020 - April 2022

- Restructured RESTful API structure to incorporate Django Rest Framework
- Refactored fundamental architecture to enable integration of the IPAAS Boomi

Best Bet 55, New York — Full Stack Developer

September 2019 - January 2023

- Optimized SQL queries significantly with subqueries, Prefetch, select_related
- Aided in docker-izing and deploying multiple resources to AWS (ECS)

Truveris, New York — Backend Intern

June - September 2018

- Implemented new cost-projection algorithm in Pyramid backend
- Refactored codebase from Python 2 to be compatible with Python 3

American Museum of Natural History, New York — Helen Fellow

June 2016 - September 2017

- 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

Fill software engineering needs in open source projects towards reproductive justice

Classon Community Fridge — Volunteer, 2021 - Present

Local partner-business outreach to collect and transfer food goods to the fridge

CodePath — Mentor, 2020 - 2021

Conducted weekly Summer interview practice for five Computer Science students

SKILLS

Languages

Python3 · JavaScript (ES6+)
SQL · Ruby · VBA

Frameworks & Libraries

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

Methodologies

RESTful APIs · Object Oriented
Programming · Test Driven
Development

EDUCATION

Connecticut College — *BA in Computer Science*

May 2015

CS Department Head TA ·
Dean's Honors 2015

INTERESTS

Archery · Regenerative Farming
Dance · Twitch Streaming