Lillie Schachter (she/her)

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EXPERIENCE

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

January 2022 - March 2023

· Taught 30-student cohorts in Python, Django, data structures, and algorithms

· Managed teaching team of 9

· Redesigned curriculum with web and tech-interview foundations

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 dockerizing 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

Classon Community Fridge — *Volunteer,* 2021 - Present
Collect and transfer food goods from local partner businesses to the fridge

CodePath — *Mentor,* 2020 - 2021
Conducted weekly Summer interview practice for five Computer Science students

PyGotham — *Organizer,* 2018
Ran day-long program for ages 10 - 18 using micro:bits hardware and Python

SKILLS

Languages

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

Frameworks & Libraries

Django · Django Rest Framework
Flask · React · 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