

Lillie Schachter

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EXPERIENCE

Cube Software, New York — *Backend Engineer*

May 2020 - Present

- Contributed to Django Rest Framework backend, providing RESTful API endpoints to a web app using high-coverage test driven development
- Wrote custom middleware to interface with the django-axes library, providing additional brute-force-attack protection
- Utilized Celery to implement internal automation tools for client and test set up

Best Bet 55, New York — *Full Stack Developer*

Sept 2019 - Present

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

Truveris, New York — *Backend Intern*

Jun - Sept 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, Education*

Jun 2016 - Sept 2017

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

COMMUNITY

CodePath.org Volunteer Week — *Volunteer*, 2020

Conducted mock interviews and provided resume feedback to CS students

PyGotham — *Organizer*, 2018

Ran day-long program for ages 10 - 18 using micro:bits hardware and Python

SXSWedu — *Speaker*, 2017

Chosen to speak on intersectional CS education via natural and data sciences

SKILLS

Languages

Python · JavaScript (ES6+) · SQL
Java · Ruby · VBA

Frameworks & Libraries

Django · Flask · React · Node
PostgreSQL · Redis · Celery
Git · pytest · Jest RSpec · JUnit

Methodologies

RESTful APIs · Object Oriented
Programming · Test Driven
Development

EDUCATION

Connecticut College — *BA in Computer Science*

May 2015

CS Department Head TA