

# Lillie Schachter

[lillieschachter@gmail.com](mailto:lillieschachter@gmail.com)  
310 - 595 - 0677  
[lillie.dev](https://lillie.dev)  
[github.com/lischachter](https://github.com/lischachter)  
[linkedin.com/in/lillieschachter](https://linkedin.com/in/lillieschachter)

## 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