

Lillie Schachter

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EXPERIENCE

Best Bet 55, New York — *Jr. Backend Developer*

Sept 2019 - Present

- Contributed to Django Rest Framework backend, providing RESTful APIs to a mobile app using high-coverage test driven development
- Owned follower functionality and login flow from backend through React Native and TypeScript frontend
- Aided in dockerizing and deploying multiple resources to Amazon Elastic Container Service (ECS)
- Optimized SQL queries significantly using methods such as Prefetch, select_related, and the Django SQL Debugger

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

Connecticut College, Connecticut — *Lab Instructor*

Aug 2015 - May 2016

- Taught weekly Python and Java labs, covering basics up to BSTs and heaps

PROJECTS & EVENTS

Entertainment Crossing — *Personal Project*, 2019

SPA built with Flask, jQuery, BeautifulSoup, and Google's Search API

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 · Git · pytest · Jest
RSpec · JUnit

Methodologies

RESTful APIs · Object Oriented
Programming · Test Driven
Development

EDUCATION

Connecticut College — *BA in Computer Science*

May 2015

Head TA of the CS Department