

Lily Davisson

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EDUCATION

Colgate University | Hamilton, NY

Bachelor of Arts

Expected Graduation: May 2022

GPA: 3.9/4.0 | Major GPA: 3.8/4.0

- Computer Science major, Art and Art History minor
- Benton Scholar: Scholars group with emphasis on global engagement
- Dean's Award with Distinction for Academic Excellence (all semesters)

Relevant coursework: Introduction to Computing, Data Structures, Computer Organization, Discrete Structures, Operating Systems, Data Structures and Algorithms, Software Engineering, Natural Language Processing

SKILLS

Strong: Python, Java, Git, VSCode, OOP, JSON

Experienced: C, HTML, CSS, JavaScript, REST APIs, NumPy, Pandas, Matplotlib, Jira, Agile

INTERNSHIP AND RESEARCH EXPERIENCE

Intuit | Mountain View, CA (Remote)

May - August 2021

Software Engineering Intern in Goto Market and Experimentation

- Coordinated planning of a migration of 96% of feature flags from a third-party vendor to Intuit's internal experimentation platform to encourage the usage of feature flags and industry-standard code hygiene
- Developed a Python-based script to seamlessly and independently migrate flags, utilizing both platforms' REST APIs, allowing for the immediate migration of 70% of flags
- Researched codebases and documentation to map cross-platform logic and capabilities and programmed a Java-based script to gather and process data about the state flags hosted in third-party vendor using their REST API

Pacific Investment Management Company (PIMCO) | Austin, TX (Remote)

June - August 2020

Technology Analyst Intern in Investment Data

- Launched a visual and automated futures database on Confluence to increase ease of access and visibility of futures data to allow for faster and more informed trading
- Retrieved and processed futures research and market data using Python investment database APIs and Pandas
- Generated HTML pages to represent this data graphically using Jinja 2 templates, deployed these pages to Confluence using Confluence REST APIs, and scheduled this process to run daily using AutoSys

Computer Science Research Department | Colgate University

June - August 2019

Internet Constancy Researcher

- Coded Python script that automates retrieval of internet latency measurements and analyzed and visualized mathematical and operational constancy of data using Pandas and Matplotlib
- Summarized findings in poster that was accepted and presented at Internet Measurement Conference 2019 and Internet Traffic Measurements and Analysis 2021

CAMPUS LEADERSHIP AND INVOLVEMENT

Computer Science Department, Teaching Assistant, Peer-Led Tutoring Group Leader

August 2019 - Present

Case-Geyer Library Circulation Desk, Circulation Desk Worker

August 2018 - January 2020

Utica Refugee Tutors, Tutor

August 2018 - August 2019