Isabel Taylor

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EDUCATION

Oberlin College of Arts and Sciences May 2019
Bachelor of Arts | Computer Science | GPA: 3.84
Algorithms | Systems Programming | Artificial Intelligence | Functional Programming

Aquincum Institute of Technology – Budapest, Semester Abroad Fall 2017
Mobile Software Development | Graph Theory | Structure and Dynamics of Complex Networks | UI Design

EXPERIENCE

Amazon June 2018 – Aug 2018
SDE Intern

- Analyzed data to determine impact of project on Alexa's question answering capabilities (Python)
- Parsed and Ingested pageview information into Elasticsearch (Python, Java, Bash)
- Implemented pagerank and ran on all of Wikipedia's ~6 million articles (Python, Bash)

Computer Science Teacher's Assistant Jan 2016 – May 2018
Lab Assistant, Tutor, and Grader

- Instructs students in individual and group settings (5-15+ people) for Algorithms and Introductory (Python) courses for 4+ hours a week
- Grades assignments in Algorithms, Introductory (Python), and Systems Programming (C) for 6+ hours a week

SKILLS AND PROJECTS

Technical Skills

- Proficient: Python | Java | C | Scheme
- Experience with: Android Studio | Elasticsearch | Big Data | html | CSS | LaTeX | 3D printing | Mac OSX

Selected Projects

- Shopping List App with Realm data storage (Java | XML | Android Studio)
- Tiny shell, a simple Unix shell (C)
- Sudoku Solver (Python)

CLUBS AND ORGANIZATIONS

3D Printing Club Aug 2016 – Present
President and Instructor

- Coordinates with other students to host 2 events per semester, manage budget, and upkeep club outreach
- Co-teaches the Spring 2017 and 2018 student-taught college 3D printing course

Queer and Formal Reasoning Feb 2017 – May 2017
Co-founder

- Assisted in starting Oberlin's first LGBTQ+ in STEM group on campus

EXTRACURRICULAR ACTIVITY

Major League Hacking Oberlin College Local Hack Day Dec 2016
1st place

- Pitched a proof-of-concept bike sharing app exclusively for Oberlin students

HackOH5 Student Newspaper Hackathon Mar 2017
2nd place

- Used sentiment analysis to identify common topics discussed, and to find trends in newspaper topics