

# Isabel Taylor

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## EDUCATION

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### Oberlin College of Arts and Sciences

May 2019

*Bachelor of Arts | Computer Science | GPA: 3.91*

Algorithms | Systems Programming | Artificial Intelligence

### Aquincum Institute of Technology – Budapest, Semester Abroad

Fall 2017

Mobile Software Development | Graph Theory | Structure and Dynamics of Complex Networks | UI Design

## SKILLS AND PROJECTS

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### Technical Skills

- Proficient: Python | Java | C
- Experience with: Android Studio | 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)

## EXPERIENCE

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### Computer Science Teacher's Assistant

Jan 2016 – May 2017

*Lab Assistant, Tutor, and Grader*

- Instructed students in individual and small group settings for Introductory (Python) courses for 4+ hours a week
- Graded assignments in Introductory (Python) and Systems Programming (C) for 6+ hours a week

## CLUBS AND ORGANIZATIONS

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### 3D Printing Club

Aug 2016 – May 2017

*Member and Instructor*

- Built a printer from Folger Technologies Cloner Kit, alongside other members
- Co-taught the Spring 2017 student-taught college course (EXCO)

### Computer Science Majors Committee

Feb 2017 – May 2017

*Student Liaison*

- Chosen by a selective process to be a member of the Computer Science Majors Committee

### Queer and Formal Reasoning

Feb 2017 – May 2017

*Co-founder*

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

## EXTRACURRICULAR ACTIVITY

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### Major League Hacking Oberlin College Local Hack Day

Dec 2016

*1<sup>st</sup> place*

- Programmed in swift and pitched a proof-of-concept bike sharing app exclusively for Oberlin students

### HackOH5 Student Newspaper Hackathon

Mar 2017

*2<sup>nd</sup> place*

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

### Programming Contests

- Denison University Programming Contests Feb 2016, Feb 2017
- Youngstown University Programming Contest Oct 2016