

# Andrew Li | ali@oberlin.edu

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## EDUCATION

**Oberlin College** (August 2016 – May 2020) in Oberlin, Ohio

*B.A in Computer Science, minor in Mathematics.*

**Computer Science GPA: 3.73**

### Relevant Coursework:

AP Computer Science A, Data Structures, Artificial Intelligence, Systems Programming, Machine Learning, Algorithms, Calculus I, and Discrete Mathematics.

### Current Coursework:

Computer Architecture, Multivariable Calculus, Programming Abstractions, and Privacy and Social Networks.

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## EXPERIENCE

### Backend Web Developer

*Oberlin College Computer Science Department*

**December 2017 – February 2018**

Currently partaking in Oberlin College's interdisciplinary Winter Term (also known as January Term) program and working on our third-party course scheduling website. Utilizing machine learning to implement a recommender system in Ruby on Rails through a similarity learning algorithm to suggest courses to students during course registration based on their past courses. This new system will expedite the course registration process for students during course registration period.

### Computer Science Teaching Assistant

*Oberlin College Computer Science Department*

**August 2017 – Present**

One of three students employed by Oberlin College Computer Science Department to serve as a teaching assistant for the course "CS 241: Systems Programming". Utilize a core understanding of C/C++, shell scripting and utilities (sed, awk, grep), and UNIX to grade weekly labs for the course and occasionally answer student questions outside of class.

### Mobile Game Development (Android)

*Independent Game Developer*

**May 2015 – November 2015**

Self-taught C# and Visual Studio during this period. Learned how to use the Unity Engine to create 2D games. Published a 2D Android platformer game to the Google Play Store.

Available here: <https://play.google.com/store/apps/details?id=com.IndepenguinGames.LeapyFrog>

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## SKILLS

**Front-end:** Ruby on Rails, Javascript, HTML5, CSS3

**Back-end:** Java, C#, C/C++, Python

**Databases:** MySQL

**Miscellaneous:** Git, UNIX/Linux, bash

**Verbal:** English (native), Chinese (conversationally fluent, elementary reading/writing)

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## LEADERSHIP

### Oberlin College Computer Science Majors Committee

*Member*

**October 2017 – Present**

Serve as the intermediary between computer science majors and the computer science department. Provide mentorship and advice to fellow students and peers. Help organize hackathons and social events. Currently tasked with interviewing candidates to fill professor positions in the computer science department for Fall 2019