

# ANDREW LI

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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: 3.89**

### Relevant Coursework:

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

### Spring Semester Coursework:

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

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## EXPERIENCE

### Backend Software Engineer

*Tasked by the Oberlin College Computer Science Department* **December 2017 – February 2018**

Working on an unofficial course scheduling website for Oberlin College: <https://oprestissimo.com/>  
Utilizing machine learning to implement a recommender system through a similarity learning algorithm to suggest courses to students during course registration based on their past courses relative to the past courses taken by similar students.

### Computer Science Teaching Assistant

*Employed by the 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 how to program in C/C++, shell scripting and utilities (sed, awk, grep), and understanding UNIX.

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

**Programming/Scripting Languages:** Java, C#, C/C++, Python, Ruby on Rails

**Scripting:** javascript, bash

**Databases:** MySQL

**Web Development:** HTML5 and CSS3

**Version control systems:** Git

**Verbal:** English (native), Chinese (conversationally fluent, beginner 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.