

DEVIN LIANG

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Education

University of Michigan

Ann Arbor, MI

▪ Bachelor of Science in Engineering in Computer Science, Minor in Economics

May 2022

▪ GPA: 3.6/4.0

▪ Relevant Coursework:

○ Software Engineering

○ Data Structures and Algorithms

○ Computer Organization

○ Operating Systems

○ Web Systems

○ Game Design (Progress)

Projects

Illuminate

Ann Arbor, MI

EECS 494 – Computer Game Design

September 2021

- Created a 2D puzzle platformer game using Unity and C# scripting in a team of five students.
- Used Agile methodology to deliver weekly iterations of the game with Jira for project management.
- Learned to use feedback from weekly playtesting sessions to create improved iterations of the game.

Instagram Clone

Ann Arbor, MI

EECS 485 - Web Systems

September 2020

- Created a basic clone of the Instagram website with one other student which allowed users to create accounts, make posts, and follow other users, along with other basic functionality.
- Utilized Python and Flask for server-side features and JavaScript and React for client-side features.
- Applied tools like shell scripting and Pytest to automate tasks like testing and starting a local server.

ZeroHero

Ann Arbor, MI

MHacks 12 Hackathon

September 2019

- Developed a React Native app with three other students that utilized Google AutoML Vision to identify food objects within an image to recommend recipes to the user based on the ingredients.
- Wrote API calls to a food API using Python to retrieve information for each ingredient in an image.

Leadership & Activities

Marching Band Instructor

July 2018 – July 2021

- Taught music and marching for the flute section during high school band camps at Olivet College.
- Learned to work with younger students and resolve any personal problems while away from home.

Intro to Engineering Peer Mentor

January 2020 – May 2020

- Guided a first-year student team through the process of creating two bioengineering projects.
- Learned to take on a supportive leadership role and how to communicate as a mentor.

Michigan Hackers

September 2018 – December 2019

- Worked on a Java Android app with the Michigan Hackers computer science student organization.
- Implemented the camera portion of the app to control the camera and send pictures to a database.
- Gained experience in working and communicating with a larger team of twenty students.

Programming Languages: C++ (Proficient), Python (Competent), C# (Competent), SQL (Prior Exposure), HTML/CSS (Prior Exposure), JavaScript (Prior Exposure)