

EDUCATION

University of California, Los Angeles

B.S. in Computer Science

Expected Graduation: 2025

EXPERIENCE

Hack the Hood

Website Design Intern

July 2020 - August 2020

- Learned the basics of website design.
- Developed a personalized website for a Small-Medium Business.

Hack the Hood

Django

May 2021- July 2021

- Learned the basics of python, creating projects with Django, and deploying those projects through Heroku.

PROJECTS

*View the source code on my github.*

**Super Peach Brothers** Constructed a fully functional game similar to Super Mario Brothers with C++, optimized by using polymorphism and inheritance techniques. (C++)

**Unhinged** Constructed a Radix Tree and used different STL containers to create an optimized dating app that could load millions of users' data within a fraction of a second.

**FitPlannar** Workout application intended to create, manage, and track different exercise and workout routines with ease. It is built with Node.js and React for the front-end and Flask, Python, MongoDB, and PineconeDB for the back-end. (JavaScript/Python)

Harvard CS50 Projects

**Pong** Recreation of the Pong arcade game. (Lua)

**Floppy Bird** Recreation of the popular mobile game Flappy Bird. (Lua)

**Breakout** Recreation of the Breakout arcade game. (Lua)

COURSEWORK

**Completed**

- Intro to Computer Science 1&2 (C++)
- Computer Organization (C/Assembly)
- Logic Design and Digital Systems
- Software Construction

**Upcoming**

- Operating Systems
- Algorithms and Complexity
- Computer Networks

LANGUAGES

- |              |         |
|--------------|---------|
| - C++        | ●●●●●●● |
| - C          | ●●●●●○○ |
| - Python     | ●●●●●○○ |
| - JavaScript | ●●●●○○○ |
| - HTML       | ●●○○○○○ |
| - Lua        | ●●○○○○○ |

LANGUAGES (SPEECH)

- |             |         |
|-------------|---------|
| - English   | ●●●●●●● |
| - Cantonese | ●●●●●●○ |
| - Mandarin  | ●●○○○○○ |
| - Spanish   | ●○○○○○○ |