

Ben Liang

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EDUCATION

University of California, Los Angeles

B.S. in Computer Science

Expected Graduation: June 2025

EXPERIENCE

Corovan

IT Technician

June 2023 - September 2023

- Supervised a team of technicians in uninstalling computer systems from major tech industry clients.
- Implemented effective strategies in relocation and re-installation of over 1000 tech setups to match the original user preferences.

Hack the Hood

Full Stack Developer

May 2021 - July 2021

- Developed advanced skills in utilizing various Python data structures and implementing modular coding practices, resulting in more efficient and maintainable code.
- Created projects with the Django framework and deployed them through Heroku.
- Utilized version control and actively used Git shell commands to manage code changes.

Wix

Website Design Intern

July 2020 - August 2020

- Acquired foundational knowledge in constructing well-organized websites with responsive design, user-friendly interfaces, and maintaining a consistent visual theme to reinforce brand identity.
- Constructed a personalized website for a local writing business, effectively showcasing the unique services provided.

PROJECTS

View project source code on my github.

ImprovedYT A chrome extension that allows users to block unwanted search elements (ie. Youtube Shorts, "People also watched") and set a timer to automatically stop videos after a specified duration. (JavaScript/HTML)

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

Super Peach Brothers Assembled a fully functional game similar to Super Mario Brothers with object-oriented design principles and optimized using polymorphism/inheritance techniques. (C++)

Dark Horizon Dark Chrome Theme (JavaScript)

Event Echo Application to connect students attending the same music festivals.

Unhinged An optimized dating app that could load 3 million users within 0.5 seconds.

Write Avenue Personalized website for a local writing business.

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 of Digital Systems
- Software Construction
- Operating Systems
- Algorithms and Complexity
- Computer Networks
- Theory of Computing
- Digital Design (Verilog)
- Artificial Intelligence

Upcoming

- Programming Languages
- Distributed Systems
- Data Science

PROGRAMMING LANGUAGES

- C++ (3 years)
- C (2 years)
- JavaScript (2 years)
- HTML/CSS (2 years)
- Python (2 years)
- Other: TypeScript, Rust, LaTeX, Java, Scheme, OCaml, Prolog, Lisp

LANGUAGES

- English (Native)
- Cantonese (Fluent)

SOFTWARE

- React - Node.js
- PostgreSQL - Firebase
- Figma - Tailwind
- Linux - Git

INTERESTS

- Powerlifting - Jiu-Jitsu
- Cooking - Video games
- Chess - Reading