

# Ashley Hau

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## EDUCATION

**University of Southern California — Viterbi School of Engineering**

BS in Computer Science, Minor in Cinematic Arts, December 2022

MS in Computer Science, December 2023

Related Coursework: C++ Programming, Data Structures, Principles of Software Development, Computing Algorithms, Compiler Development, and Information Security

## EXPERIENCE

**Instructor, iD Tech Camps — May 2020 to August 2020**

- Taught three programming or computer-related courses per day over Zoom
- Students between the ages of 9 to 18 from across the US and countries including UK, Hong Kong, Philippines, South Korea, and Taiwan
- Supplemented the curriculums with my own custom made material
- Programming languages taught: College-level C++ with SFML, Javascript, HTML/CSS
- Softwares taught: Adobe Animate, Adobe Premiere Pro, Xcode, Visual Studios, Brackets

**Camp Counselor, Adventures in Writing Camp — July 2019 to August 2019**

- Summer camp dedicated to helping elementary & middle school kids build confidence in their writing
- Provided guidance to campers on grammar and story outline and taught them how to write creatively
- Assisted teachers with their lesson plans and kept students motivated
- Helped students publish their ebooks online

## PROJECTS

**Classmates.**

- Dynamic web app created for USC students to reach out to their classmates
- Users can enter their own contact information, bio, and add/delete the courses they are enrolled in
- Undergraduate class pages display the students who added the classes on their account page
- Use of networking and multithreading, so multiple users can access the website at the same time
- Languages: HTML, CSS, Javascript, Java
- Platform/App: Firebase, Heroku

**Superposition II Hackathon**

- Winner: Best Use of .tech Domain
- Created a website called “Bot Lucky” that allows people to post their location and share their leftover foods with neighbors and friends
- Languages: HTML, CSS
- Platform/App: Google API, Google Forms
- Software: Adobe Photoshop

## SKILLS

Programming Languages: C++, Java, HTML, CSS, Javascript, Bootstrap, MySQL, React

Softwares: Xcode, Visual Studios, Adobe Photoshop, Adobe Animate, Adobe Premiere Pro, Figma

Languages: English, Cantonese, Mandarin