

Lulu Wang

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EDUCATION

University of California, Los Angeles

Los Angeles, CA

B.S. Computer Science

06/2021

- **GPA** | 3.75/4.00
- **Coursework** | Data Structures, Operating Systems, Computer Organization, Software Construction Lab, Algorithms & Complexity, Computer Networks, Programming Languages, Artificial Intelligence

SKILLS

- **Technical** | C/C++, Python, C#, HTML/CSS, Java, Typescript, React, Git, GNU/Linux
- **Design** | Illustrator, Figma, Adobe XD, AfterEffects

EXPERIENCE AND LEADERSHIP

Microsoft

Remote

Software Engineering Intern

06/20 – Present

- Integrating size auditing tool with repository pipelines to analyze memory storage changes of pull requests in **YAML**
- Parsing chunks and modules from Webpack stats drop artifacts in **C#** to extract size data
- Will introduce enhancing features including approval flow
- Will ship to production for use by **450+** OneDrive SharePoint engineers

Microsoft

Redmond, WA

Explore Intern

06/19 – 09/19

- Migrated enterprise web product commands from Knockout to **React** to enhance user experience
- Strategized **sorting** and implemented **paging functionality** in OneDrive Web Shared by me pivot
- Resolved blocking issues through prioritizing user needs and collaborating with engineering team
- Communicated project deliverables, deadlines, and progress to key project stakeholders

UCLA Learning Assistant (LA) Program

Los Angeles, CA

Head Computer Science Learning Assistant

01/19 – Present

- Leading weekly discussion sections, seminars, and course meetings for **40+** students and LAs
- Conducting observations and providing ongoing constructive feedback to LAs, the program, and content course TAs and professor

PROJECTS

Tetris

- Implemented game logic for Tetris pieces to fall, move, and rotate with user input using **C++**
- Developed rendering logic for 3 additional game piece functions (vaporizing, bomb, mirror)

Anagram Dictionary

- Designed dictionary that detects anagrams of input word using hashtables and STL containers
- Implemented hash, insertion, deletion, and lookup algorithms successfully searching **24150+** words in under 10 milliseconds

Blood Donor Calculator

- Wrote **C++** algorithm determining eligibility to donate blood based on physical requirements

exploretch.la Computer Science Fair

Los Angeles, CA

Lead Graphic Designer / Operations Organizer

04/18 – Present

- Designed marketing merchandise reaching **250+** high school students to reflect event values and goals using **Illustrator**
- Planned volunteer logistics and organized 30 volunteers during event

Association of Computing Machinery – Women

Los Angeles, CA

Board Officer

04/18– Present

- Strategizing, planning, and executing events to connect distinguished speakers in industry and academia to **100+** UCLA students for Distinguished Speakers Series
- Co-mentoring members by providing academic and external support to nurture confidence