

# 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