

# Miles Spencer Wu

milesswu.net • msw@milesswu.net • github.com/milesswu • linkedin.com/in/milesswu

## EDUCATION

### University of California: Los Angeles

Bachelor of Science: Computer Science — June 2022

**GPA: 3.913**

**Dean's Honor List:** Fall 2018, Winter 2019, Spring 2019

### Relevant Coursework:

Algorithm Design & Complexity, Operating Systems, Software Construction Lab,  
Data Structures & Algorithms, Logic Design of Digital Systems

## SKILLS

### Languages:

Javascript/ES6/jQuery,

C++/C, Python, Kotlin,

Shell Scripting, PHP,

HTML5, CSS3, C#, Java

### Frameworks/Tools:

React.js, Redux, node.js,

SQL, Angular.js, React

Native, Android Studio,

Bootstrap, AJAX, Unity

### Other:

Git, Linux, Multithreading,

TCP, Arduino, Google

App Suite

## EXPERIENCE

### ACM Hack: *Intern Officer*

Fall 2019-Present

- Planning, organizing, and marketing campus wide ACM Hack events.
- Teaching workshops and developing curriculum for quarter long educational programs focusing on web and mobile development.

### Society of Women Engineers: *Full-Stack Developer*

Fall 2019-Present

- Implementing the Society of Women Engineers event portal at UCLA along with a team of developers. Primarily using React and PostgreSQL.

### Juni Learning: *Private Instructor*

Summer 2019-Present

- Instructing young students on fundamental computer science concepts.

### Interact Club: *Public Relations Officer*

2016-2018

- Raised over \$3000 for Rotary International. Donated \$2000 to BeadforLife, a non-profit ending poverty in underdeveloped countries.

## PROJECTS

### Story Seeker: *storyseeker.fun*

Fall 2019-Present

- Built an end to end system revolving around our Alexa Skill that allows users to purchase and interact with choice based stories.
- Developed a web platform for authors to create, maintain, and publish stories. Integrates with a moderator platform used for approval of stories.
- Worked primarily on data flow within the online platforms and also the front-end using React, Redux, and an online graph rendering library.

### Sorting Visualizer

Summer 2019

- Fully implemented an interactive visualizer for various sorting algorithms.
- Project created to become familiar with React and Redux technologies