

# Miles Spencer Wu

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## EDUCATION

### University of California: Los Angeles

Bachelor of Science: Computer Science — June 2022

**GPA: 3.912**

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

### Relevant Coursework:

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

## SKILLS

### Languages:

C++, C, Python, PHP,  
Javascript/ES6/jQuery,  
HTML5, CSS3, C#, Java,  
Shell Scripting

### Frameworks/Tools:

React.js, React Native,  
Redux, Angular.js, SQL,  
Bootstrap 4, AJAX, Unity

### Other:

Git, Linux, Multithreading,  
Arduino Nano, Google  
App Suite

## PROJECTS

### Sorting Visualizer

Summer 2019

Fully implemented an interactive visualizer for various sorting algorithms.

Created using React.js, Redux, HTML, and CSS.

### Self-Navigating "Mouse"

Spring 2019

Designed PCBs and breadboard circuitry to build a car that can self-navigate a maze. Implemented with an Arduino Nano using a PD system.

## ACTIVITIES & EXPERIENCE

### Society of Women Engineers: *Developer Team*

Fall 2019-Present

- Working with a team of developers to implement the Society of Women Engineers online portal at UCLA

### Juni Learning: *Private Instructor*

Summer 2019-Present

- Instructing young students on fundamental computer science concepts

### Association for Computing Machinery @ UCLA

Fall 2018-Present

- Hack: Web & Mobile App Development with React, Python, SwiftOS
- ICPC: Algorithms and Competitive Programming
- Cyber: Web hacking and security

### Institute of Electrical and Electronics Engineers

2018-2019

- OPS: Design and implementation of electrical systems through projects

### 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