

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:

Algorithms & 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 Redux,
Redux, React Native,
Angular.js, Bootstrap 4,
AJAX, SQL, 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

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
- AI: Building conceptual understanding of AI and ML

Institute of Electrical and Electronics Engineers

Fall 2018-Present

- OPS (2018): Learn fundamentals of electrical systems through projects
- AirCopter Project (2019): Design and build a quad-copter

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