Miles Spencer Wu

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EDUCATION

University of California: Los Angeles
Bachelor of Science: Computer Science — June 2022
GPA: 3.86 **Dean's Honor List:** Fall 2018 - Spring 2019, Spring 2020

Relevant Coursework: Algorithm Design & Complexity, Data Structures & Algorithms, Operating Systems, Programming Languages, Software Construction

SKILLS

Languages: Javascript, C++/C, Python, HTML5, CSS3, Kotlin, Bash, Java
Frameworks/Tools: React, Redux, Node, Firebase, SQL, Angular, React Native, Git, Android Studio, Material UI, Bootstrap

EXPERIENCE

RISE: ***Co-founder, Internal Director*** Summer 2020

- Founded and ran a student community where teams ideate, design, and develop original products throughout the summer.
- **Supported community developers** by holding technical workshops and providing them with online resources/documentation. **See RISE Github.**

UCLA ACM Hack: ***Officer*** Fall 2019-Present

- **Teaching workshops and developing curriculum** for quarter long educational programs on web and mobile app development.
- **Developing the landing page** for our annual campus-wide hackathon.

Society of Women Engineers: ***Full-Stack Developer*** Fall 2019-Present

- Implementing the Society of Women Engineers event portal at UCLA.
- Responsible for **implementing user registration** using a PERN stack.

PROJECTS

Story Seeker Fall 2019-Present

- Built an **end to end system for Alexa Skill** where users engage with interactive choice-based stories written on the StorySeeker web platform.
- Responsible for implementing systems on the web platform for authors to create, maintain, and publish multiple stories to the Alexa Skill.
- Used React & Redux to **handle user data flow** and allow authors to edit stories through a **graph based user interface** (with nodes and branches).

Water Wars: ***LAHacks 2019*** Spring 2019

- Built an application to promote water conservation by displaying water usage information within neighborhoods.
- **Utilized Google Maps' Geocoding API** to respond to user searches for specific locations and addresses and display the water usage in those areas.