

# 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 of **65 students out of 450+ applicants** to ideate, design, and develop 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** on web and mobile app development for quarter long educational programs.
- **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 **event registration**, built a page with React and worked on **endpoints in our Express server** to send/receive user data to a database.

## PROJECTS

### Story Seeker: [Alexa Skills Challenge](#) 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.