

# 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 ES6+, C++/C, Python, HTML5, CSS3, Bash, Kotlin, Java

**Frameworks/Tools:** React, Node, Firebase, Redux, SQL, React Native, CI/CD, Git, Android Studio, Angular, Material UI, Bootstrap

## PROJECTS

### Story Seeker: *Alexa Skills Challenge*

Fall 2019-Spring 2020

- Built an **end-to-end system** connecting an author platform, moderator platform, and Alexa Skill for users to read interactive choice-based stories
- Used React & Redux to handle user data flow and allow authors to write and edit stories using a **graph based interface** (with nodes and branches).
- Won “**Best in Show**” project at UCLA ACM’s Annual [Tech Gala](#).

### MyCheckpoint: *SB Hacks 2020*

Winter 2020

- Created a **cross platform app** for web/Android that takes users’ calendar data to generate and suggest items to bring to scheduled events.
- Implemented the mobile platform with **Android Studio** by manipulating JSON data from the **Google Calendar API** using Kotlin in order to store user’s events in **Firestore** and then display them to the user’s screen.

### Water Wars: *LAHacks 2019*

Spring 2019

- Built a web application with **React** 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 water usage in those areas.

## EXPERIENCE

### RISE: *Co-founder, Internal Director*

Summer 2020

- Ran a student community of **65 out of 450+ applicants** to work in cross-functional teams and build [original products](#) in 9 weeks.
- Acted as a **subject matter expert** for developers by holding technical workshops on **Github** and **Firebase**, and preparing documentation.

### UCLA ACM Hack: *Hackschool Director*

Fall 2019-Present

- Teaching workshops and **developing curriculum** for students to learn web/mobile technologies such as Node, React, Firebase, Android Studio.
- Designing and building the [landing page](#) for our annual hackathon using **React, Gatsby, Material UI, and Netlify** with a team of developers.

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

Fall 2019-Present

- Responsible for **event registration**: creating pages in **React**, working on endpoints in our **Express** server to send data to a **PostgreSQL** database.