

Miles Spencer Wu

milesswu.net • msw@milesswu.net • github.com/milesswu • linkedin.com/in/milesswu

EDUCATION

UNIVERSITY OF CALIFORNIA: LOS ANGELES | GPA: 3.86

June 2022

- Bachelor of Science, Computer Science
- **Dean's Honor List:** Fall 2018, Winter 2019, Spring 2019, Spring 2020

EXPERIENCE

RISE, *Co-founder & Internal Director*

May 2020 - Sep 2020

- Organized an international community of 65 students and 70 industry mentors to provide an opportunity for students affected by the loss of summer jobs from COVID to receive support and structure similar to an internship experience.
- Recruited product managers, designers, and developers from **450+ student applicants** to work in cross-functional teams to ideate, design, and develop [original products](#).
- Directed teams' focus towards a structured sprint-based Agile workflow with an emphasis on user feedback based feature prioritization, resulting in all 7 teams **successfully launching** their MVPs in just 9 weeks.
- Acted as a **subject matter expert** for PMs and developers by preparing documentation/workshops on product pitches, user interviews, team management, and using technologies like Github and Firebase.
- Spearheaded a restructure of the RISE mentorship system by allocating a more involved subset of mentors to meet directly with team members and become part of the project planning process as advisors, which **increased mentor-student engagement** from being almost non-existent to having consistent bi-weekly interactions.

UCLA ACM HACK, *Hackschool & Bloom Director*

Nov 2019 - Present

- Taught workshops and **structured curriculum** for quarter long web and mobile app development educational programs with average turnout of 70+ participants per week and 200+ views per session; the highest of any ACM committee.
- Directed [Bloom](#), an intro to web dev and design fellowship with **over 450 members** created for aspiring developers and designers to learn fundamental skills to build their own projects.
- Took **initiative** in suggesting and implementing a partnership/group system for fellows to develop intimate and meaningful relationships in the online environment, dramatically increasing interaction and engagement.

SOCIETY OF WOMEN ENGINEERS, *FullStack Developer*

Nov 2019 - Present

- Building the Society of Women Engineers Event Portal in preparation for SWE's largest annual event, Evening with Industry, based on the Board members' specifications.
- Handling user registration: creating signup pages with **React** and working with endpoints on a **Node Express** server.

PROJECTS

[STORY SEEKER](#), *Alexa Skills Challenge*

Oct 2019 - Mar 2020

- Built an end-to-end product centering around an Alexa Skill which allows users to purchase and interact with choose your own adventure stories, which are written, published, and approved on a complementary web platform.
- Used **React & Redux** to implement the web platform for authors to write and maintain stories by implementing an interactive graph-based user interface consisting of nodes and branches.
- Handled data serialization of author-built stories, translating graph structure into JSON format for Alexa to process.
- Won "**Best in Show**" out of 20 projects at UCLA ACM's Annual [Tech Gala](#).

[WATER WARS](#), *LA Hacks*

Mar 2019

- Created a web app with React to gamify and promote water conservation in the LA Area.
- Utilized **Google Maps' Geocoding API** to add a place autocomplete search feature and respond to user location search requests by displaying a map with the water usage of buildings in the specified area.
- Developed an understanding of using web APIs, retrieving and **displaying back-end data** via HTTP requests, and handling website navigation with React Router

SKILLS

Technical: Javascript ES6+, C/C++, Python, React, Node, Firebase, Git/GitHub, Java, Figma

Leadership: User-Driven Problem Solving, Facilitating Productive Discussion, Overseeing Developer Workflow, Mediating Conflict, Human Resource Management, Communication, Teaching