Miles Spencer Wu

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

OBJECTIVE

Seeking summer internship position in the software industry. Eager to gain hands-on experience and grow through collaboration with peers. Interested in exploring various fields of computer science to discover my passions.

EDUCATION

University of California: Los Angeles
Bachelor of Science: Computer Science — June 2022
GPA: 3.833   **Dean's Honor List:** Fall 2018, Winter 2019, Spring 2019

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

SKILLS

Languages: C++/C, Python, Javascript/ES6/jQuery, Kotlin, Bash, HTML5, CSS3, PHP, C#, Java

Frameworks/Tools: React.js, Redux, Node.js, SQL, Firebase, Angular.js, Android Studio, React Native, Bootstrap, AJAX

Other: Git, Linux, Multithreading, TCP, Arduino, Adobe XD, Google App Suite

EXPERIENCE

UCLA ACM Hack: *Officer*   Fall 2019-Present
- Handling external outreach to the UCLA community for our new virtual event Passion Talks, which aims to increase awareness of fields in tech!
- Planning, organizing, and marketing events like our annual hackathon.
- Teaching workshops and developing curriculum for quarter long educational programs focusing on web and mobile app development.

Society of Women Engineers: *Full-Stack Developer*   Fall 2019-Present
- Implementing the Society of Women Engineers event portal at UCLA.
- Using React and a Node Express server with PostgreSQL database.

Juni Learning: *Private Instructor*   Summer 2019-Present
- Instructing young students on fundamental computer science concepts.
- Adapting to student needs and learning styles to help facilitate growth.

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.
- Communicated with representatives of Rotary International to organize fundraising events and volunteer opportunities.

PROJECTS

Story Seeker: *storyseeker.fun*   Fall 2019-Present
- Built an end to end system revolving around our Alexa Skill that allows users to purchase and interact with choice based stories.
- Developed a web platform for authors to create, maintain, and publish stories. Integrates with a moderator platform used for approval of stories.
- Worked primarily on data flow within the online platforms and also the front-end using React, Redux, and an online graph rendering library.

Sorting Visualizer   Summer 2019
- Fully implemented an interactive visualizer for various sorting algorithms.
- Project created to become familiar with React and Redux technologies

ACTIVITIES

SBHacks VI: *MyCheckpoint*   Winter 2020
- Set out to create a cross platform application that takes users' Google Calendar data to generate and suggest items to bring to scheduled events.
- Integration of a Firestore database supported by the Google Calendar API with React web app, Android mobile app, Swift iOS app, and Alexa Skill.
- Learned and used Android Studio with Kotlin to create the Android portion of the project. Developed an understanding of navigation, fragments, data parsing in Kotlin, and overall use of the IDE.

LAHacks: *Water Wars*   Spring 2019
- Built a React web app intended to gamify water conservation within neighborhoods with help of the Google Maps API.
- Developed an understanding of APIs, sending requests, parsing responses.

Hack on the Hill 5: *InclusiveClick*   Winter 2019
- Created a web application with the intention of replacing the iClicker system used at UCLA and at many universities. App would allow students to log in to classes and answer polls created by a professor.
- First time using React to create a real application. Learned about routing, component-based development, state, and props.

UCLA Bruin Marching Band: *Clarinetist*   Fall 2018-Present

Ballroom Dance   2006-Present
- Competitive ballroom dancer for 3 years, involved continuous rehearsals for up to 20 hours per week, 4 to 5 days each week.
- Placed 2nd out of 100+ couples in 2018 BYU U.S. National Dancesport Youth Latin Championship
- Top 12 out of 90+ couples in 2018 BYU U.S. National Dancesport Adult Latin Pre-Championship
- Placed 6th in USA Dance 2017 National Youth Latin Championships