

# Miles Spencer Wu

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## EDUCATION

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### UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA) | GPA: 3.77

Sep 2018 - June 2022

- Henry Samueli School of Engineering: Bachelor of Science, Computer Science
- **Dean's Honor List:** Fall 2018, Winter 2019, Spring 2019, Spring 2020, Fall 2020
- Relevant Coursework: Software Engineering, Data Structures & Algorithms, Programming Languages, Database Systems

## SKILLS

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- **Technical:** Javascript ES6+, Java, C/C++, Python, React, Redux, SQL, Node, Google Cloud Platform, CI/CD, Git/Github
- **Leadership:** Design Thinking, Agile, Communication, Team Management, Interpersonal Relationship Management, Requirements Analysis, Cross-Functional Teams, Knowledge Base Documentation, Collaborative Problem Solving
- **Additional:** Software Development Lifecycle, Quality Assurance, Increasing Customer Satisfaction, Process Improvement

## EXPERIENCE

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### BRUIN LABS, *Project Manager*

Jun 2021 - Aug 2021

- Led weekly stand ups and created channels of communication to promote open discussion; **created a product roadmap** and assigned tasks to ensure consistent progress from the team and to promote accountability.
- Created deliverables to **communicate research across design, business, and development** teams, priming them for activities like affinity diagramming in order to streamline brainstorming and prioritization.
- Educated and provided mentorship to team members on best practices for problem identification and product design, **empowering team members** to conduct user interviews, market research, product validation, etc.

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

May 2020 - Sep 2020

- Organized a student internship experience by recruiting 65 product managers, designers, and developers from 450+ student applicants to form a community of cross-functional teams, create [original products](#), and pitch them to venture capitalists.
- Played a key role in the **program's strategy, direction, and execution**: created the master timeline to make deadlines and milestones clear, integrated workshops and mentorship in the program in order to maximize value for RISE members, and **assigned weekly actionables** to directors to keep them accountable and continually improve the program.
- Mentored PMs and developers by preparing documentation/workshops on **GitHub, app development frameworks, and team management**, giving those with no prior experience the knowledge to kickstart their product development process.

### UCLA ACM HACK, *Curriculum Director; Operations Director; Dev Team Lead*

Nov 2019 - Present

- Taught workshops and structured curriculum for app development programs, covering frameworks like React and tools like Github; average turnout of **70+ participants per week** and **200+ views per session**, the highest of any ACM committee.
- Led weekly stand ups to design and build a Hack branded quiz web app by utilizing tools like **React** and **Node Express**.
- Strategized, discussed, and executed plans for Hack Kitchen, an annual coding challenge event, in order to optimize participants' experience, resulting in **100% positive feedback from 30 participants**.

## PROJECTS

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### WEB SERVER CAPSTONE, *COM SCI 130*

Mar 2021 - Jun 2021

- Implemented a C++ web server utilizing gtest for unit testing, along with **Docker** and **GCP** for continuous deployment.
- Worked with a team to define weekly requirements and milestones, running standups, **writing design docs**, and maintaining documentation. Used Git with Gerrit to manage versions and **facilitate code review**.

### [CINEMA SWIPE](#), *LA Hacks*

Mar 2021

- Created a **React Native app** using **Typescript** where friends use a Tinder-like UI to swipe on suggested movies from their favorite streaming platforms until a match is found.
- Developed an understanding of **WebSockets** to allow for real-time communication between client and server, enabling users' past actions to inform future movie recommendations, converging groups towards a common movie.

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

Oct 2019 - Mar 2020

- Built an **end-to-end product** centered around an Alexa Skill that allows users to purchase and interact with choose your own adventure stories, which are written, published, and approved on a complementary web platform.
- Designed and developed an intuitive web platform for authors to write and maintain stories using an interactive decision tree interface using React and Redux. Won "**Best in Show**" out of 20 projects at UCLA ACM's Annual [Tech Gala](#).