Samantha Sung

Los Angeles, CA 90089 | sysung@usc.edu | ssung0831.github.io | www.linkedin.com/in/samanthasung

EDUCATION

University of Southern California, Viterbi School of Engineering, *Los Angeles, CA*   **Aug 2021–May 2025**

Bachelor of Science: Computer Science and Business Administration   **GPA:** 3.89 *(Dean's List)*

Minor: Entertainment Industry, USC School of Cinematic Arts

- **Relevant Coursework**: Introduction to Algorithms and Theory of Computing, Principles of Software Development, Communication Strategy in Business, Organizational Behavior and Leadership, Film Business Procedures and Distribution

PROFESSIONAL EXPERIENCE

Empyrean Technology   **San Jose, CA**

Software Engineering Intern   **May 2023-Present**

- Enhanced software reliability and user experience on Linux systems through memory leak detection and resolution
- Gained hands-on experience working ALPS and HMI systems to identify, categorize, and resolve 10+ memory leak issues
- Contributed to marketing by creating company brochures/presentations, presented at annual trade show

Chosn Relationships   **Los Angeles, CA**

Product Management Intern   **Aug 2022–Dec 2022**

- Proven ability to maintain effective communication among 5 cross-functional teams using Trello, Figma, and GitHub
- Worked alongside CEO/Founder to assign tasks for bi-weekly sprints and align project objectives with organizational goals
- Contributed to full-stack development using vanilla JS, React.js, Node.js, and AWS to build robust, scalable, and user-friendly web applications.

LEADERSHIP AND INVOLVEMENT

USC Techie   **Los Angeles, CA**

President, Head Project Manager   **Aug 2021-Present**

- Successfully led teams of 4 to 6 project analysts to implement the Client Services Project
- Provided pro-bono consulting work to technology startups, bringing a unique student perspective that resulted in valuable insights and recommendations on various projects.
- Accumulated findings into impactful final presentations, increasing the company's student engagement by double

Product@SC   **Los Angeles, CA**

Case Competition Winner   **Jan 2022–Dec 2022**

- Won first place out of 15 teams in the Case Study Competition where my team of four used the Ideation Framework to create a solution on how to revolutionize Netflix's current strategy
- Learned about the responsibilities of product managers while enhancing communication, negotiation, and leadership skills

PROJECTS

iBarista   **June 2023**

- Accessible web application that analyzes ingredients to recommend the finest coffee recipes sourced from the internet
- Utilizes HTML, CSS, and JavaScript to create a visually appealing user interface that accommodates various user choices
- Integrates a coffee REST API to dynamically generate caffeinated recipes and Cookies to store favorited recipes

Roomiez   **April 2023**

- Full-stack web application that assists users in managing chores through a visualized task board
- Leverages a sophisticated Spring backend with controller, service, and repository layers and Maven dependencies
- Dynamic front-end implementing AJAX methodology, Bootstrap, React, and react-router-dom
- Deployed through AWS Elastic Beanstalk, using a cloud RDS based in MySQL

SKILLS

Skills: C++, Java, Python, JavaScript, HTML/CSS, APIs, Node JS, React, AWS, mySQL, Tableau

Proficient In: Full Stack Development, Google Suite, Microsoft Office, Agile, Scrum

Interests: Product Management, Data Science, Software Engineering, Teaching

Languages: English (native), Mandarin Chinese (conversational)