Alex Hsieh

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EDUCATION

University of California, Riverside — Riverside, CA
Bachelor of Science in Computer Science (3.89 GPA) — *Oct. 2020 – Jun. 2024*
Honors: Dean's Honor List & Chancellor's Honors List.
Relevant Coursework: Software Construction, C++ Programming, Machine Organization and Assembly, Data Structures and Algorithms, Discrete Structures, Differential Equations, Probability and Statistics, Big Data Management, Logic Design, Linear Algebra, Multi-Variable Calculus, and Web Development

EXPERIENCE

CS 100 – Readership — Sep. 2022 – Present
University of California, Riverside — *Riverside, CA*
- Worked with peers to collectively determine effective grading standards for the Software Construction course.
- Helped with grading lab demos, assignments, and exams.
- Setup efficient lab demo formats to simulate mock industry demos of completed products.

Academic Resource Center – Tutor — Sep. 2022 – Present
University of California, Riverside — *Riverside, CA*
- Helped offer broad-based study skills, strategies, and techniques to promote critical thinking.
- Worked with groups of 4 students for 10-hours per week to advance their learning in several subjects.
- Specialized in helping beginner Calculus and C++ Programming students develop new efficient learning habits.

PROJECTS

Hammer | *Vue.js, Firebase, CSS* — Aug. 2022 - Present
- Developed during a month long study abroad program in Paris, France.
- Built a news aggregator with comment functionality with Vue.js and Firebase.
- Allowed users to see topics coupled with two articles with different viewpoints pulled from the NoSQL database with the ability to switch to different topics.

Highlander Battleship | *C++, Git, GitHub* — Oct. 2021 - Dec. 2021
- Created a modified version of the traditional Battleship game in C++ from the ground up.
- Utilized UML diagrams to aid in the design of the the program.
- Implemented multiple design patterns to ensure the abstraction of UI elements.

LEADERSHIP

Cutie & Citrus Hack – Sponsorship Lead — Aug. 2022 – Present
University of California, Riverside — *Riverside, CA*
- Served as the line of communication between Citrus Hack and all Business Companies.
- Raised over $10,000 for both of our Hackathons from several major companies around the world.
- Used our funding for 600+ participants to provide the safest and healthiest experience at our Hackathons.

Association for Computing Machinery – Membership Chair — Feb. 2022 – Present
University of California, Riverside — *Riverside, CA*
- Served as the first line of communication between the Riverside ACM Chapter and the students of UCR.
- Reached out to companies, professors, and other clubs on campus for collaboration opportunities.
- Helped organize speakers for club general meetings and workshops.

TECHNICAL SKILLS

Languages: C++, HTML/CSS, Java, Javascript, SQL, and Assembly Language.
Developer Tools: Git, GitHub, Hadoop, Spark, AsterixDB, and MongoDB.