

# Alex Hsieh

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## EDUCATION

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### 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, and Multi-Variable Calculus.

## EXPERIENCE

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### Exodus Studios LLC

Jun. 2020 – Aug. 2021

*System Administrator*

*Arkansas, CA*

- Worked directly with the CEO of this startup to focus on server development within existing sandbox games by creating and managing the server resulting in \$10K of sales in 2 months.
- Fundamental to formulating the company's game vision, goals, and objectives by working with 6 contractors (graphic design, software design, manager) to develop administration skills.
- Managed and Administrated over social presence of the game with Discord, turning into a 5K+ member community in 2 months by using a strategy in creating a centralized community hub establishing a game player base.

### Video Game Play Tester

Aug. 2021 – Present

*Anthos Capital*

*Santa Monica, CA*

- Worked directly with upcoming game developers in the earliest stages of their game projects to help determine the quality and specific problems of the game.
- Consulted with other testers to provide detailed feedback to the developers.
- Worked flexibly with time and decision management as multiple companies with different occurring schedules would approach and request testing.

## PROJECTS

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### 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.
- [GitHub Link](#)

## LEADERSHIP

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### Association for Computing Machinery – Membership Chair

February. 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

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**Languages:** C++, Java, SQL, and Assembly Language.

**Developer Tools:** Git, GitHub, Hadoop, Spark, AsterixDB, and MongoDB.