

Kaitlyn Corpuz

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EDUCATION

University of Nevada - Las Vegas | *BS in Computer Science*

Aug. 2020 - May 2024

- GPA: 3.93/4.00 | Dean's List Fall 2020 - Spring 2024
- Graduated Magna Cum Laude
- Coursework in Data Structures, Operating Systems, Information Assurance, Automata, Machine Learning, Compilers

PROJECTS & EXPERIENCE

Alex-NaN - *2D Endless Runner Game*

- Work in a team with 3 members to design and develop an endless 2D runner game in Unity with C#
- Develop and optimize platform algorithm to continuously spawn and destroy blocks to create an endless game
- Provide continuous testing to ensure coding efficiency and scalability

2D Rogue-lite Video Game - *Engineering Design Course Project*

- Facilitate team meetings of 11 students to develop a two-dimensional rogue-lite game in Unity with C#
- Simulate a variety of enemy behavior using a state machine to allow smooth transitions between actions
- Implement a dynamic augment system that affected player character and enemy entities alike
- Conduct testing and debugging to ensure proper functionality
- Draft a game design document detailing progress, goals, and development of the project

Twitchcon Genshin Impact Booth - *Live Entertainment Event Assistant*

October 2023

- Instruct rules and objective of games to players in a concise and comprehensible manner to ensure confidence during gameplay
- Set up and configure devices in accordance with the upcoming games for participants
- Communicate results of each game round to tournament managers
- Cooperate with other assistant to determine appropriate points awarded to each player team to determine victors and losers
- Perform duties in front of a live audience and on livestream while maintaining professional behavior under high pressure circumstances

UNLV Chapter of Society of Asian Scientists and Engineers - *Director of Marketing*

2022 - 2023

- Design attractive graphics on social media to promote events
- Design apparel for SASE 2022 West Regional Conference, showcasing main theme of the event and sponsors
- Promote chapter during campus events to potential members by highlighting goals and benefits of the club
- Guide and accompany guest speakers as the hosting chapter of SASE 2022 West Regional Conference
- Attend SASE Connect 2023 as a representative of the UNLV chapter and meet other chapters from around the country

SKILLS

- **Programming Languages:** C++, Java, C#, R, MIPS, Python
- **Tools:** Git, VSCode, Ubuntu, Linux, Unity

ACHIEVEMENTS

- High School Salutatorian of Advanced Technologies Academy
- Graduated in top 5% from Howard R. Hughes College of Engineering Class of 2024
- Recipient of Special Dean's List Scholarship Award 2024