Gia Hur

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Objective

Passionate and detail-oriented Computer Science student at Case Western Reserve University with a strong foundation in game development, interactive storytelling, and user experience. Proficient in Unity, C#, and level design. Seeking a summer internship in game design to apply and extend my skills in a collaborative environment. Open to relocation.

Education

Rochester Institute of Technology   **Rochester, NY**
Master's in Game Design and Development   *Expected May 2027*
Case Western Reserve University   **Cleveland, OH**
Bachelor's in Computer Science, Minors in Computer Gaming, Spanish, and Mandarin Chinese   *Aug. 2021 – May 2025*
- Cumulative GPA: 4.0; *summa cum laude*
- Activities: Klover Dance Group, Undivided Dance Club and Competition Team
- Relevant Coursework: Game Design, Software Craftsmanship and Engineering, Artificial Intelligence, Full Stack Web Development, Algorithms, Logic Design and Computer Organization

Skills

Programming: JavaScript, TypeScript, C#, Java, HTML, CSS, Assembly, SystemVerilog
Tools/Frameworks: Unity, React, MySQL, ModelSim, MPLAB, VS Code, Github, G Suite, Microsoft Office
Spoken Languages: Korean, Spanish, (minimum professional), Mandarin Chinese (limited working)

Projects

Restoring Hope (Class Choice Award) – Unity | C#
- Conceptualized and implemented core game mechanics, including interactive puzzles for a narrative-driven game
- Collaborated closely with a team of developers, artists, and sound designers to meet weekly deadlines
- Integrated environmental assets, contributed to weekly sprints, collected and adapted to playtest feedback, and helped maintain production timelines

Artifacts of the Past – Unity | C#
- Designed and developed a 2D puzzle-platformer with time-travel mechanics
- Built levels using Unity's Tilemap system, handled sprite animations, and implemented assets for characters

WhenIsGreat – React, MySQL, Google API | Java, CSS, HTML, JavaScript
- Designed and developed a collaborative scheduling application with Google Calendar integration
- Integrated OAuth authentication and Google API to enable account creation and calendar synchronization

Couch Meets Table – Django, MySQL | JavaScript, Python, HTML, CSS
- Developed an easy-to-use platform for CWRU students, combining user input and a matching algorithm to calculate the best roommate options based on habits and preferences
- Led project frontend development, ensuring cohesive and responsive web design

Ultimate – React | JavaScript, CSS, TypeScript, HTML
- Implemented complex multi-board game logic using React Hooks and state management
- Styled user interface with React Router and CSS for easy navigation between pages and an intuitive layout

To-Do List Web Application – React | JavaScript, CSS, TypeScript
- Designed a dynamic system for users to add, update, and delete tasks and manage deadlines with priority settings
- Integrated Material UI for a responsive UI, and toastr to integrate form validation and error handling

Leadership Experience

Undivided Club and Competition Team   **Cleveland, OH**
Vice President   *Apr. 2024 – Apr. 2025*
- Serve as primary risk manager as well as liaison between Undivided and other student organizations
- Lead on projects such as concept videos and the annual dance showcase
Secretary   *Apr. 2023 – Apr. 2024*
- Efficiently handled all club communications, including bi-weekly emails, ensuring timely event updates and responses
- Enhanced member engagement and accessibility by creating and managing a Discord server