

Gia Hur

hurgia21@gmail.com | (201) 245-8656 | [linkedin.com/in/giahur](https://www.linkedin.com/in/giahur) | github.com/giahur

Education

Case Western Reserve University

Cleveland, OH

Bachelor's in Computer Science, Minors in Computer Gaming, Spanish, and Mandarin Chinese

Expected May 2025

- GPA: 4.0, Dean's High Honors (6/6 semesters)
- Activities: Klover Dance Group, Undivided Dance Club and Competition Team
- Relevant Coursework: Game Design, Algorithms, Artificial Intelligence, Data Structures, Software Craftsmanship and Engineering, Full Stack Web Development, Logic Design and Computer Organization, Computer Architecture

Skills

Programming Languages: JavaScript, TypeScript, C#, CSS, HTML, Java, Assembly, SystemVerilog

Tools/Programs: Unity, React, MySQL, ModelSim, MPLAB, VS Code, Github, G Suite, Microsoft Office

Languages: Spanish, Korean (minimum professional), Mandarin Chinese (limited working)

Projects

Restoring Hope (Class Choice Award) – Unity, VS Code | C#

- Conceptualized and implemented game mechanics, including interactive puzzles
- Integrated environmental assets to ensure cohesive game design and positive player experience
- Worked with a team of developers, artists, and sound designers to meet weekly production deadlines

Ultimate – React, VS Code | JavaScript, CSS, TypeScript, HTML

- Developed an interactive and visually appealing web application using React framework to implement Ultimate Tic-Tac-Toe, a complex version of the game requiring a multi-board interface
- Styled user interface with React Router and CSS for easy navigation between pages and an intuitive layout
- Incorporated React Hooks (state management) to handle game logic such as tracking and updating game state across multiple boards, handling tie conditions, and indicating the next allowed moves

Artifacts of the Past – Unity, VS Code | C#

- Designed and developed a 2D platformer game with puzzles involving time-travel
- Crafted intricate levels with Unity's Tilemap system and scene management tools
- Implemented sprite-based assets for characters, enemies, backgrounds, and player abilities

WhenIsGreat – React, MySQL, VS Code | Java, CSS, HTML, JavaScript

- Designed and developed a collaborative browser application for scheduling group meetings, featuring Google Calendar integration and a responsive user interface
- Integrated OAuth authentication and Google API to enable account creation and calendar synchronization

Leadership Experience

Undivided Club and Competition Team

Cleveland, OH

Vice President

Apr. 2024 – Present

- 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

Professional Experience

16 Handles

Paramus, NJ

Summer Team Member

Jun. 2017 – Oct. 2022

- Delivered exceptional customer service, resolved issues, and processed transactions efficiently
- Executed tasks in a fast-paced environment, including food and drink preparation, cleaning, and stocking

Promise Cornerstone

Leonia, NJ

SSAT Tutor

Oct. 2018 – Jun. 2021

- Designed a comprehensive curriculum tailored for middle school students preparing for the SSAT
- Led English and Mathematics subjects and monitored student progress for a class of 20+ students