

SKILLS

Languages: C++, C#, Python, JavaScript, TypeScript.

Tools: Unreal Engine (UMG), Unity (3D/2D), React, Git, Figma, Methodologies (Agile, Waterfall, Scrum).

EXPERIENCE

Game Programming Intern

6/2023 - 8/2023

SAIC - CUI Project

- Collaborated with a team of two game developer and two engineering interns to design and develop an asymmetric turn-based wargame in Unreal Engine.
- Developed the game's multiplayer framework, supporting sessions on a private network.
- Designed and implemented the game's UI for each player, providing unique actions that directly interfaced with MATLAB to generate and provide real-time and accurate simulations.
- Presented to key military personnel, exceeding stakeholder expectations.

UI/UX Officer

4/2023 - 6/2024

Video Game Development Club - University of California, Irvine

- Ran workshops teaching students about UX and UI techniques and principles.
- Nurtured the next generation of UI/UX officers to continue enriching the creative community on campus.
- Coordinated and ran club events for over 200+ members.

PROJECTS

Hungry

10/2024 - Present

Club Project - UI Designer & Programmer

- A 3rd-Person Action RPG about a cursed girl who needs to eat to survive, made in Unreal Engine.
- Worked closely with team's designers and artists to design UI that matched the game's playful aesthetic.
- Created and implemented all UI elements with the primary focus of full controller compatibility.
- Utilized both Unreal's UMG system and C++ to create other features, such as controller type detection.

Project: Ether

8/2023 - 4/2024

Academic Project - UI/Gameplay Programmer

- A 3rd-Person Action-Stealth game made in Unreal Engine, focused on the use of magic.
- Developed multiple iterations of accessibility features, such as subtitles, colorblind modes, and aim assist.
- Created all of the game's menus and HUD, as well as their animations.
- Worked closely with multiple UX designers and UI artists, implementing Figma designs in-engine.

Light Runner

4/2023 - 6/2023

Academic Project - UI/Gameplay Programmer

- A 1v1 FPS Arena shooter made in Unreal Engine, set in a Tron-inspired world.
- Implemented all UI elements through Unreal's UMG system and C++, ensuring a user-friendly experience.
- Utilized Unreal's multiplayer systems to activate various global UI events such as the score and countdown.

EDUCATION

B.S. in Game Design and Interactive Media (bit.ly/UCIGDIM10)

9/2020 - 6/2024

University of California, Irvine