

JUSTIN MELORE

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EDUCATION

BS in Computer Science with Games Emphasis - University of Utah, Salt Lake City - August 2023 - May 2026 (expected graduation)

- GPA: 3.973
- Relevant Courses: Algorithms and Data Structures, Linear Algebra, Probability and Statistics, Database Management, Alternative Game Dev, Traditional Game Dev

West-MEC Northeast Campus, Phoenix, AZ — Computer Science Trade School Program - August 2021 - May 2022

- GPA: 4.0
- Subject Areas Covered: HTML, CSS, JavaScript

SKILLS

Programming: C# • C++ • Java • Python • Javascript • HTML • CSS • Git • Terminal Proficiency

Platforms: Unity • Unreal Engine 5

EXPERIENCE

iD Tech, Remote — Online Instructor - May 2025 - August 2025

- Educated young students on various coding and computer science related topics, such as Java, Python, C++, and particularly Minecraft Modding

PROJECTS

Our Light - January 2025 - May 2025

- Short puzzle game where the player uses their limited light to interact with obstacles and NPCs
- Applied existing programming and game design knowledge to the Unity game engine environment
- Served as the game's sole engineer and created all of the mechanics and systems in the game, such as the light mechanic, the various puzzle elements, and the interactable characters

In the Wake of Betrayal - May 2025 - July 2025

- Top-down 2D action game where the player fights off waves of enemies and protects their ship using melee attacks, dodging, and parrying
- Refined previous Unity experience by taking advantage of new systems, such as nav meshes and the Unity animation controller
- Crafted the main gameplay mechanics utilized by the player, such as the directional attacking and parrying and the dodge
- Designed the wave spawning logic of the game's enemies using a point-based system that kept repeated encounters and playthroughs random

AWARDS

First Place in Organizational Leadership at the FBLA State Conference • Top 1% of the Class of 2023 • MTA: HTML5 Application Development Fundamentals Certification • University of Utah Dean's List