

## 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

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## SKILLS

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

Platforms: Unity • Unreal Engine 5

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## 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

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## 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

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## 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