

# Tyler Cobb

<https://tycobb582.github.io/>

## Relevant Skills

---

- Unreal Engine 5 experience
- Perforce / GitHub experience
- C / C++ / C#
- Python
- Proficiency in 3D math concepts
- Network programming
- Concurrent programming
- Object oriented design
- Game design
- Project planning

## Relevant Work Experience

---

Veridian Forge - Remote  
*Gameplay Programmer*

May 2023 – December 2023

- Worked in Unreal Engine 5 to implement and iterate on a wide variety of game features for a cooperative multiplayer game.
- Created a matchmaking system using Epic Online Services.
- Utilized Unreal's Gameplay Ability System to build player and enemy mechanics.
- Communicated frequently with leads to provide feedback on the project and discuss programming solutions.

Shawnee State University – Portsmouth, OH

October 2022 – December 2022

*Supplemental Instructor – Game Programming Foundations and Operating Systems*

- Assisted up to four students per workday by clarifying assignments, explaining concepts, and helping debug code.

## Projects

---

Isles of Aether – Class of 2024 Senior Project  
*Technical Director*

January 2023 – Present

- Utilizing Unreal's Gameplay Ability System to develop a versatile magic system.
- Implementing a responsive and engaging 3D action combat system
- Overseeing and assisting with the work of eleven other programmers.
- Developed coding and version control standards for the project.

Cowboy Defense Force – 2023 Epic MegaJam

September 2023

- Pitched concepts and ideas to a team of four other developers.
- Advised the team on how to design their code for multiplayer functionality and helped to fix multiplayer related bugs.
- Implemented grenade launcher weapon, game UI, and farming system.

## Education

---

Shawnee State University – Portsmouth, OH

Fall 2020 – Present

*Bachelor of Science in Digital Simulation and Gaming Engineering*

- GPA: 3.98
- Recipient of Shawnee Scholar Award