

Connor Bramham

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PROJECTS, SKILLS, AND INTERESTS

- **Ard Engine:** Developing a 3D game engine in Rust with a GPU driven Vulkan renderer. (github.com/ReeCocho/ard-engine)
 - **Project F-COM: Trigger:** Developed an X-COM inspired 3D game with Unity in a small team which was awarded the 2023 UCF Game Award for “Most Polished” game.
 - **Published in SIAM SIURO (2018):** Wrote a paper with peers describing an original induction proof of the threshold decomposition property of median filters. (DOI: 10.1137/18S017120)
 - **US Army NETCOM Service Appreciation Award (2015):** Created a C# application (copyright registration number TXu 1-988-919) that allowed for the communication of two dissimilar military standard communications programs.
 - **Skills:** C++; Vulkan; GLSL; Rust; C#; Unity; Perforce; Git; Parallel Programming
 - **Interests:** Tabletop RPGs; Guitar; Metal; Fantasy Novels
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EDUCATION

University of Central Florida

BS, Computer Science

August, 2023

Orlando, FL

- **Honors:** summa cum laude (3.98 GPA), President’s Honor Roll
 - **Related Courses:** AI for Game Programming (CAP 4053), Computer Graphics (CAP 4720) Concepts of Parallel and Distributed Processing (COP 4520).
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WORK EXPERIENCE

Socrates Preparatory School

IT Specialist

Nov. 2017 - Aug. 2021

Oviedo, FL

- Socrates Preparatory School is a non-profit educational organization.
- Collaborated with faculty to upgrade and maintain networking equipment and software.
- Responsible for maintaining security of the school network.