

Cameron Olson

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Objective

Seeking a co-op position in the fields of web development and computer graphics to further my education and build connections with industry professionals

Education

- Rochester Institute of Technology
 - Bachelor's of Science in Game Design & Development
 - Expected Graduation Date: May, 2022
 - GPA of 3.45

Skills

- Programming/computer languages: Java, JavaScript, C/C++, C#, HTML, CSS, Visual Basic, PHP
- Graphics APIs: Vulkan, DirectX 11, OpenGL, MonoGame, PixiJS, Canvas API
- Unity game engine development
- Git and GitHub
- 3D Modeling and Animation
- CADD and Mechanical Design (Certified SolidWorks associate)

Projects and Experience

- **Java-Based Game Engine** — Experimenting with rendering and game engine development
 - Personal project with Vulkan, LWJGL, and Java
 - Cross-platform 3D rendering for games and physics simulations
 - Currently ongoing
- **TileTopOff.com** — Web-based puzzle game
 - Solo-developed sliding tile puzzle game project using HTML, CSS, and JavaScript
 - December, 2019
 - <https://www.tiletopoff.com/>
- **Audio Visualizer** — Web-based audio playback
 - Solo-developed player, visualizer, and equalizer for audio files and microphone input
 - October, 2020
 - <https://people.rit.edu/cso7654/330/project-2/>
- **JavaScript Animation Library** — Easy dynamic animations for websites
 - Solo project to add animations and animation triggers to web pages
 - Ongoing project
 - <https://github.com/CamSOlson/jsa/>
- **DrCannoli** — Platformer game in C#
 - Designed and made sprites and animations in Krita and developed rendering systems in MonoGame
 - January, 2019 - May, 2019
 - <https://github.com/CamSOlson/DrCannoli/>
- **Cave of Crystals** — 3D environment
 - Modeled and textured terrain in Blender, decorated scene with props, lights, particles, and other objects in Unity
 - August, 2019 - December, 2019
 - <https://github.com/cso7654/3D-Animation-Final/>
- **Wall Wars** — Analog board game prototype
 - Designed and created 3D models of a board and pieces using Blender
 - August, 2019 - December, 2019
- **SmithMillsInn.com** — Business site for an Inn in PA
 - Created a website for a small-scale Airbnb business using HTML, CSS, and JavaScript
 - July, 2019
 - <https://www.smithmillsinn.com/>