

Alex Dale

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Portfolio: people.rit.edu/aad9296/portfolio

Objective:

Searching for game development, audio engineering, or software careers that utilize scripting and media design skills. Available to start June 2024.

Education:

Rochester Institute of Technology (RIT), Rochester, NY

May 2024

Bachelor of Science, Game Design and Development, Minor in Music Technology, Immersion in Psychology

GPA: 3.98

Notable Courses: AI for Game Environments, Game Balance, Level Design I & II, Digital Audio Production, Composing for Video Games

Skills:

Technical Skills:

- *Programming Languages:* C#, JavaScript, C++, HTML, CSS, Java
- *Software:* Unity, Unreal, Godot, Maya, Blender, Pro Tools, Reaper, Excel
- *Project Management:* Github, Perforce, Trello, Jira, ClickUp

Projects:

All-Wheel Brawl

January 2024 – May 2024

- Local multiplayer arcade game for the PlayStation 5 in a team of 7
- Created a Unity prototype to design and build the game during engine construction
- Designed gameplay mechanics and balanced parameters to create a fun experience
- Implemented gameplay systems in Unity using C#, later translated to C++ for PS5 version
- Created and mastered SFX and BGM clips for in-game use

CrimeSight

November – December 2022

- A 3D mystery horror game created in a team of 5 using Unity
- Created a framework for player-object interactions and player abilities
- Implemented visual FX through post-processing
- Responsible for implementing and adjusting SFX and BGM

Work Experience:

ChangelingVR (Interaction Designer)

May 2023 – August 2023

- Narrative VR mystery experience with a team of 80+ developers
- Collaborated with a focus team to renovate an existing level in Unreal Engine
- Designed a standardized system for snapping interactable objects together
- Created a VR puzzle that encourages the player to use a range of motion
- Documented design processes and implementations extensively for use of future development teams

Interplay Learning (Unity3D Developer Intern)

May 2022 – August 2022

- Developed internal editor tools for usage by design teams to create 3D simulations and scenarios
- Designed GUI components for VR users in online simulations with multiple users
- Discussed ongoing projects and gave status reports at standup meetings throughout each week