

Aidan Roberts

Game Development & Design Student

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Objective	<i>Passionate for the design, development, and balancing of games, seeking full-time positions for game design teams following my graduation in Dec 2023.</i>	
Education	Rochester Institute of Technology, Rochester, NY Bachelor of Science in Game Design & Development, expected Dec 2023 Languages: English, Spanish (Written/Verbal)	
Skills	Programming Knowledge: C#, C++, Java, JS, HTML, CSS, Dart, Visual Scripting (in general) Engines & Software: Unity, Unreal, O3DE, MonoGame, Box2D, Google, Git, Visual Studio, Visual Studio Code, WWise, Audacity, Premiere, Photoshop, Flutter, Swagger, FileZilla, Postman Management Tools: Trello, Atlassian Jira, Discord, Slack, Google Suite, Microsoft Office	
Experience	Lead Sound Designer & Lead Voice Actor at O3DE May - Dec 2023 <ul style="list-style-type: none">Creating/implementing all sounds, as well as being the main voice actor and a game designer for O3DE's upcoming flagship title. Our team has been tasked to port our semester-long project (State of Matter) from Unity into their game engine. Development will be continued until it is published nearing the end of the year. I am mainly working with WWise, Audacity, C++, and the O3DE Engine. Game Evaluation Intern at Galaxy Interactive Jun - Aug 2023 <ul style="list-style-type: none">Participated in multiple playtests (weekly) of portfolio companies' games, partaking in conversations with the development teams at a production level for their prototypes and alphas. Responsible for recording and playing in the sessions, writing extensive commentary, and reporting feedback from the team for each game. Unity Development & Quality Assurance Intern at Partie May - Jul 2022 <ul style="list-style-type: none">Responsible for fully developing a 3D desktop application with Unity. This involved C# programming, project management, asset creation, and creating API functionality. I was also responsible for API testing through Swagger and Postman. Software Engineering Intern at Pypestream May - Jul 2021 <ul style="list-style-type: none">Participated in daily scrum meetings, developed unit tests, and assisted in secure coding, working closely with a development scrum team in a collaborative remote environment. Worked primarily in JavaScript and React through Visual Studio Code and GitLab. Senior Programming Assistant at Emagination Computer Camps Jun - Aug 2017 <ul style="list-style-type: none">Taught and helped chaperone teenagers at a summer program. This involved workshops for advanced Java and C#, Photoshop, Unity, and Warcraft III Editor.	
Projects	Knockout Arena <ul style="list-style-type: none">Solo developing an FPS PvE Arena Shooter using Unity/C# for my 2nd time in IGME 580.Creating the full concept (and design document) of the game, demonstrating my overall understanding in game design, physics and AI programming, and even level design.	1 semester, ongoing
	State of Matter <ul style="list-style-type: none">Developed an FPS Puzzle/Combat Shooter using Unity/C# in a team of eight for IGME 580: Production Studio. Grant given by O3DE to continue development in C++/their engine.I was the Lead Audio Designer, Lead UI/UX Programmer, and Voice Actor, focusing on the creation and implementation of all audio, full UI functionality, and performing all voice lines.	1 semester, complete
	Class of 21XX <ul style="list-style-type: none">Developed a 2D puzzle platformer using Unity/C# during the USC Summer GDD Program.I was the Lead Programmer in a team of four, truly learning Unity/C# for the first time and coding functionality for character swapping, abilities, projectile/collision physics, and sound.	2 weeks, complete
Activities	D1 Overwatch Team at Rochester Institute of Technology Aug 2019 - Jul 2020 <ul style="list-style-type: none">Played the Off-tank role in Tespa matches, leading stats and being shot-caller.	