

Robert D. Reddick

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<https://people.rit.edu/rdr8959/portfolio/>

OBJECTIVE:

To obtain a Web Development co-op utilizing strong skills in HTML, CSS, and JavaScript.
Available between May 2021 – August 2021.

EDUCATION:

Rochester Institute of Technology (RIT), Rochester, NY

Expected May 2023

Bachelor of Science, Game Design and Development

GPA: 3.68; Dean's List

Relevant Coursework: Interactive Media Development (C#), Intro to Game Web Tech (HTML, CSS, JavaScript)

SKILLS:

Computer Languages: C#, Java, JavaScript, HTML, CSS

Game Engines/Frameworks: Unity, MonoGame

Tools: Visual Studio Code, Visual Studio 2019, Maya, Photoshop CC

PROJECTS:

Marvel Character Search:

2 Weeks

- Created a fully responsive webpage that utilizes Marvel's Web API for looking up characters within their database.
- Designed an interface which includes multiple controls such as: filters that toggle whether or not to show comics and events the character took place in, a filter that goes between a direct search or a general search, a search limit dropdown, and a search button.
- Programmed functions for each control. Each filter selected makes changes to the link used for getting the information from the database. If the general search filter is applied then a list of buttons will be displayed to choose a character depending on whatever is in the search field, and the dropdown control changes limit for how many buttons are displayed.
- Project was for a class and received an A

Mutation Genesis:

3 Weeks

- Created a 2D Top-down video game on a webpage using Javascript and PixiJS; the player faces waves of zombies while also obtaining new abilities, and upgrading obtained abilities to increase their chances of survival.
- Developed 6 unique spell assets with 4 different orientations, created upgrade and buy shop interface, and implemented all gameplay aspects such as collisions, scoring, enemies, player mechanics, and wave progression.

WORK EXPERIENCE:

Multi-purpose Worker; RIT Dining Commons

1 Year

- Took on many roles, and collaborated with other students to complete tasks which led to more development in communication and teamwork skills

Personal Shopper; Walmart

2 Months

- Gained experience in a corporate environment, working on a team to prepare orders for an online delivery service which led to development in customer service, communication, and teamwork skills