**Reese Lodwick**

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**Objective:** Seeking a full-time summer software developer co-op using strong programming skills in C++ and Java. Available May 2022 to August 2022.

**Education**

**Rochester Institute of Technology (RIT),** Rochester, NY Expected May 2023 Bachelor of Science, Game Design and Development Dean’s List all semesters

Minor: Computer Science

**GPA: 3.63**

Related Courses: Game Development and Algorithmic Problem Solving I & II(C#), Interactive Media Development (C#, Unity), Rich Media and Web App Development (HTML/CSS/JavaScript), Data Structures & Algorithms Games & Simulation I & II (C++), Mechanics of Programming (C)

**Skills**

**Programming Languages:** C#(.NET), C++, Java, C, HTML, CSS, JavaScript

**Tools/Skills:** Visual Studio 2022/2019/Debugger, VS code, Unity, Photoshop, Maya, Linux, GitHub(Version Control), Unreal Engine, MySQL, ArcGIS, Firebase(NoSQL database)

**Projects**

**Alpha Vantage Stock Market API**

* Developed a website using the Alpha Vantage API to let the user look up stocks and favorite them to cloud storage using firebase
* Stock chart displays by parsing JSON into variables in a web component that forms a chart using chart.js and other information related to the stock such as volume and range

**Book eCommerce Website**

* Developing a website where users can shop for books that are created by an admin account
* All data related to the website (users, shop items) are stored and retrieved using MySQL
* Coded using Visual studio, ASP.NET Core 6, C#(csHTML)

**Reunited (Game Jam Project)**

* Developed level editor in C# that other team members used to make levels
* Created 4 Utility objects that would be able to be used in the level editor
* Coded using Visual Studio, C# and Unity 2D

**Pegshar**

* Created MVP in C# and Unity for a plinko/pinball type of game
* Used Unity’s Rigid Body and Colliders to create the pegs, developed 3 different pegs with unique mechanics to improve gameplay
* Created Trajectory arrow using vector math to improve player experience

**Work Experience**

**Hershey Park** June 2021 – August 2021

*Ride Operator* Hershey, PA

* Operated rides with 0 to 13 team members at a time
* Required a good display of communication