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-  www.github.com/mchrpt

Matthew Hendrickson

Software Engineer/Game Designer



About me

My name is Matthew Hendrickson, I recently graduated from Worcester Polytechnic Institute (WPI) with a double major in Computer Science and Interactive Media and Game Technology. I have a wide range of experiences in programming, project management, and game design.

Skills

- Object-Oriented Design
- Scrum/Agile
- Project Management
- AI/Machine Learning
- Version Control
- Technical Support

Programming Languages

- Java 
- Python 
- Javascript 
- C# 
- SQL 
 - PostgreSQL
 - Oracle LiveSQL

Software

- JetBrains Suite 
 - IntelliJ IDEA
 - WebStorm
 - Rider
- Adobe Photoshop 
- Unity Engine 
 - Netcode
 - Particle System
 - JOBS
 - FMOD
 - Profiler
- Git/GitHub 
- DBeaver 
- Trello 
- Hacknplan 
- Microsoft Office 

Personal Work

IMPERIUS

Project Manager 09.2019 - current

Description: A 3D space real-time strategy game releasing on the Steam store summer 2023.

- 3D Pathfinding
- Dynamic 3D Audio
- 6 Mission Campaign
- 24 Unique Units
- 4-Player Multiplayer
- AI State Machine
- 20+ Voice Actors
- Economy System

Education

2021 - 2023 Worcester Polytechnic Institute  Worcester, MA

Computer Science  Bachelor of Science (High Distinction)

Interactive Media & Game Tech  Bachelor of Science (High Distinction)

2019 - 2021 Quinnipiac University  Hamden, CT

Computer Science  N/A

Game Design & Development  N/A

2015 - 2019 Pomperaug Regional High School  Southbury, CT

High School Diploma  (High Honors)

GPA: 3.62

Experience

Associate Software Developer 06.2023 - Current  Remote

SAVVAS | www.savvas.com

Description: Angular, PostgreSQL, Node.js, Springboot, and AWS development in contribution to the website and online learning platform of SAVVAS.

Database Developer 05.2022 - 07/2022  Worcester, MA

ASSISTments | new.assistments.org

Description: Using SQL and Python to add features to the award winning ASSISTments learning software. Completed as an Interactive Qualifying Project (IQP) for course credit at WPI.

Project Manager 03.2022 - 05.2022  Worcester, MA

WPI/Brigham & Women's Hospital | www.brighamandwomens.org

Description: Led a team of eleven programmers to create a medical equipment tracking and workflow application to demo features to the Brigham & Women's Hospital representatives. Applied the agile development methodologies and software design patterns in Java. Completed for course credit at WPI in collaboration with Brigham & Women's Hospital.

Tech Support Assistant Supervisor 08.2020 - 08.2021  Hamden, CT

Quinnipiac University | www.qu.edu/info-for/information-technology-services

Description: Providing comprehensive support and problem resolution to users concerning both personal and university software and hardware, maintaining and upgrading university technology.

Peer Tutor 01.2021 - 08.2021  Hamden, CT

Quinnipiac University | www.qu.edu/student-life/support-services/

Description: Tutoring students in various programming-related topics in the languages JavaScript, C#, and Java for the Quinnipiac Learning Commons.