Samuel Paschal

Game Developer
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Organized and driven individual pursuing a career in game development, enjoys tackling challenges and ready to learn at every possible moment. Well versed in full-stack web development and relational databases.

Skills

Languages | JavaScript, HTML, CSS, Python, TypeScript, C#, C++, Java
Software | Autodesk Maya, Unity
Libraries and Frameworks | React, Node.js, Express.js
Database | MongoDB, Mongoose ODM, Django
Other | RESTful Routing JSON

Projects

Blackjack | Browser based game
HTML, CSS, JS, Jquery   (03/2022)

- A browser blackjack game with fully functioning gameplay
- Rendered a deck of cards using CSS and a card shuffling algorithm and created the basic rules of blackjack

Book Review App | Web application
HTML, CSS, JS, MongoDB, Mongoose ODM, Express.js, Oauth 2.0   (03/2022)

- A web app for reviewing books
- Created a full crud web app, with features to create a book and review, edit a book, and the ability to delete review

Tetris | PC game
C#, Unity   (01/2022)

- Recreated the game Tetris from scratch using the original game rules with working mechanics and and fully organized code
- Used C# to functionalize the game and the Unity game engine to render

Pacman | PC game
C#, Unity   (1/2022)

- Recreated the game Pacman using Unity and C# to create the full functionality and animate characters
- Inforced basic AI for the enemy movement and decision making

Relevant Professional Experience

General Assembly | Remote
Software Engineering Fellow   (02/2022)-(05/2022)

- Completed a 12 week software engineering immersive course on full-stack web development through a variety of programming languages and technologies
- Built RESTful APIs and designed multiple web applications using MVC and MVT frameworks

Education

Feb 2022 - May 2022
General Assembly, Software Engineering Immersive, remote
Nov 2020 - Jan 2022
Seattle Skills Center, Game Development, Seattle, WA
High School Diploma, 2020
Roosevelt High School, Seattle, WA