

Will Montero

Software
Engineer



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Skills

PROGRAMMING LANGUAGES: C++, C#, Python, JavaScript

DEVELOPMENT ENVIRONMENTS: Unity, Unreal Engine 4 & 5, Visual Studio

OTHER: SCRUM, Trello, Perforce, Git

LANGUAGES: English (Fluent) and Spanish (Fluent)

Projects

Frigid Peak - A Donkey-Kong-Inspired Game (Unity Engine, 2022)

Role: Lead, Tools and UI Programmer

Lead: Kept documents up to date like Tech, UML, and Design Docs

User Interface: Developed UI with Unity's TMP, implementing an in-game timer and scoreboard

Collaboration: Led a 3-member team and communicated with 3 artists, managed task distribution via Trello, and resolved merge conflicts using Git

Equinox - A Grim Themed Puzzle Game (Unreal Engine 4, 2023)

Role: AI, UI, Game Save, Environment Design

AI: Implemented AI behavior trees for enemy navigation and puzzle interactions using C++ and Blueprints

Save State: Designed a save system to persist player progress across sessions, enhancing the user experience

Education

Academy of Interactive Entertainment

Associate's of Occupational Studies in Game Programming

Sept. 2021 to Dec. 2023 - Lafayette

Expectations: Studied Game Programming while adhering to industry standard coding practices

Development: Developed and tested gameplay mechanics, tools, and systems for various game projects.

Debugging/Troubleshooting: Experience in debugging, optimization, and problem-solving within a team environment

Solid Foundation: Ability to adapt quickly to new technologies in game development

Experience

Walmart / Online Grocery Pickup: Lead Associate

Jan. 2019 to Current - Lafayette

Managing high-volume online orders, resolving technical issues with scanning systems to increase order accuracy

Multitasking and Time Management: Fulfilling multiple online orders under tight deadlines, satisfying metrics goals

Customer Interaction: Assisting customers and employees demonstrates communication and teamwork

Attention to Detail: Ensuring accurate order fulfillment aligns with the customer's grocery list