VIVIAN WINTERS

GAME PROGRAMMER & DESIGNER

ABOUT

Gameplay programmer and designer seeking a position in game development to apply my knowledge and skills for continuous improvement. I look forward to creating awesome interactive experiences with great people.

EXPERIENCE

GAME PROGRAMMER
Twin Drums | The Wagadu Chronicles | Dec 2021 - Apr 2024

- Developed and implemented networked gameplay features using Unity's Netcode for GameObjects library
- Created and refined prototypes for new gameplay features with collaboration from design on direction and vision
- Implemented finalized features into main codebase after thorough testing, feedback, iteration, and polish
- Upgraded existing features to improve gameplay capabilities, code readability and maintainability, and performance
- Proactively monitored, submitted, and analyzed bug reports to track down bugs and deploy fixes
- Improved in-house tools with new features, fixes, and optimizations based on design's usage requirements
- Assisted live operations overseeing activities such as server maintenance, patch deployment, and player support

GAMEPLAY/UI PROGRAMMER
Space Jalopy | Oct 2021

- Collaborated in a team of 2 to design and create a game based on the theme of Ludum Dare 49 within the allotted time limit
- Designed core gameplay mechanics and aided in their implementation
- Created art for the UI, ships, guns, bullets, and background
- Implemented system to allow for easy rapid creation of bullet patterns and created a variety of bullet patterns

GAMEPLAY PROGRAMMER
Stage Fright | MAY 2021

- Implemented systems for Character, Control, and Camera
- Setup animations and blend trees for character animations
- Managed documentation and kept team organized on Discord

EDUCATION

BACHELOR OF IT (HONS), GAME DEVELOPMENT AND ENTREPRENEURSHIP
Ontario Tech University | Sept 2016 - Apr 2020

CONTACT

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LANGUAGES
C#
C++
Javascript
Vue

PROGRAMMING
Unity
Visual Studios
Subversioning

ART MEDIA
Aseprite
Blender
Krita
Photoshop

GENERAL
Google Workspace
Microsoft Office Suite
Trello
Discord