Education

Kwantlen Polytechnic University
Bachelor of Information Technology | 2021

Experience cont.

Moonlit Sky Games
Sole Programmer | 2018 - 2021

Employed as the sole programmer for a startup company developing a 3D turn-based multiplayer strategy game. Worked with a small and highly motivated core team to breathe life into the game.

Commanders of Valor

Succeeded in building a historical accuracy focused strategy game based around the Roman Empire and their adversaries. The game featured dynamic family trees, commander traits, permanent death, prisoner trading and online matchmaking functionality.

- Solved complex issues through research and creativity to implement unique mechanics.
- Created a cost effective online multiplayer system with lobbies, matchmaking and chat functionality.
- Delivered and polished the entire technical side of the game, while embracing multiple roles within a startup environment.

I Want to Live in the Mountains Interactive
Contract Programmer | 2021

Hired for contract work to assist in the development of a proof-of-concept prototype mechanic expediting the game's development.

Shadows Light

Contracted to develop a Unity system allowing players to make shadows into physical objects that could be moved and manipulated within the prototype. Successfully designed, engineered, and delivered the prototype to the customer.

- Developed complex programming solutions to solve unique mechanics.
- Optimized C# programming solutions to fulfill requirements and reach benchmarking goals.

Personal Projects

The Eternal Oath
Solo Developer | 2023 - 2024

My personal project magnum opus, a proposal video game secretly built over 8 months for my girlfriend and now fiancé. The game is a three hour long visual novel and card battler fusion game with the story set in a fantasy world inspired by our lives together.

- Wore every hat of game development to complete a fully polished game under a strict deadline.
- Employed strong project management skills to balance coding, art, sound, and narrative design.

Hobbies

Tabletop Games	Survival Games	3D Printing	Virtual Reality	Wood Working	Hiking Trails

References Available
Upon Request