

EDUCATION

Ontario Tech University

2016 – 2020

*Major: Bachelor of Information Technology, Game Development & Entrepreneurship**Minor: Game Production Management*

- Demonstrated ability to be self-directed and contribute as part of an innovative team.
- Successfully achieved semester deliverables
- Earned 3.0 Cumulative GPA during my 4 years in school
- Earned grade "A" in the final capstone project as the lead programmer. This project virtualizes autonomous vehicle responses when on a hill with icy conditions. ([VIDEO](#)). For this project I co-wrote a report using the IEEE publication format standard.

ACCOMPLISHMENTS

- Competed at (Game Development Competition) Level Up Showcase 2019 for one of the best games at Ontario Tech University.
- Released multiple apps to Google Play Store including one using Mobile VR technology.
- Created a fully functional VR game from scratch in 48 hours structured to the provided theme for Global Game Jam 2019.

*All Google Play Store apps released under organization "JonWaaler Apps"
[JonWaaler Apps Google Organization](#)

NOTEWORTHY PROJECTS

Neural Network for Driving Game (Team of 4)

2020

- Lead Programmer
- Created a semi-decent neural network for a car. ([VIDEO](#))
- What's being seen in the video is part of the AI training

Project Recreating COD Zombies (Solo Project)

2020

- Using assets from the internet, I created a project similar in game play and quality to Black Ops 2 Zombies.
- Demonstrates: self motivation, discipline, detail oriented and the ability to turn given assets into a complete project. ([VIDEO](#))
- The video demonstrates the first glimpse of the direction of the project

Blood Reign - Fully Polished PC game (Team of 6)

2019

- Lead Programmer, Game Designer, VFX Artist, Map Designer
- Unity3D, C#, C++ (for DLLs), Github,
- Casual game, 4 person free for all, the goal is to survive while killing other players to be the last one standing. ([VIDEO](#))

WORK & VOLUNTEER EXPERIENCE

Server & General Labor	BBQ Gourmet Company	2019
•	Took initiative packing up trucks to get to sites on time	
Programming	Freelance Programming	2019
•	Create successful projects for clients based on their needs	
•	Tutor university students in Unity & Programming	
Residence Support	Simcoe Residence, UoIT	2017
•	Welcome students to residence and help move in.	
•	Answer questions, give directions and generally support a friendly, welcoming atmosphere.	
Counselor	Zodiac Day Camp	2011 – 2016
•	Planned and organized activities as the leader of a cabin	

PROFESSIONAL DEVELOPMENT

Montreal International Games Summit	2018 & 2019
Def Con (Hacking Conference)	2017

SOFTWARE SKILLS:

- Unity3D (PC, Android, VR)
- C++, C#, Python 3
- Blender 2.79
- Visual Studio
- Photoshop CS6
- Github & other repositories services

ADDITIONAL QUALIFICATIONS & SKILLS

- Health & Safety Training for Workers
- Harassment in the Workplace training
- Easily learn emerging technologies

REFERENCES

Available on Request