Tyler Metade
Software Developer

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Developer that loves to learn on his free time and is always willing to learn new technologies.

EDUCATION

BA.SC Software Engineering, Engineering Management and Entrepreneurship option
University of Ottawa
09/2014 – 12/2018

WORK EXPERIENCE

Software Developer
StereoD
03/2019 – Present
Toronto, Canada

- Developed an in-house asset version control tool that allows users to keep track of everything related to their project.
- Implemented an ingest and delivery tool **automate** the content coming into and leaving the studio.

Application Developer
Felix & Paul Studios
05/2018 – 08/2018
Montreal, Canada

- Developed on multiple VR Headsets including **Oculus** Rift, Oculus GO and GearVR.
- Enhanced the **automated build** system by adding new features such as a git tagging system.
- Integrated Positron **API** to allow Positron to externally control our application.

Software Developer
You.i TV
01/2017 – 04/2017 (Tester)
09/2017 – 12/2017 (Software Developer)
Ottawa, Canada

- Worked on brand name apps such as Fox, TBS, TNT, TruTV and National Geographic Kids with **50k+ users**.
- Developed on all **Apple** and **Android** devices.
- Implemented mini games, **game engine**, **analytics**, video on demand, and other new features within applications.

TECHNICAL SKILLS

Skill	Level
C++	████████████
Python	████████████
Git	████████████
React Native	█████████
Java	███████████
Kotlin	██████
Android Development	██████████

PROJECTS

MagicMirror - Final Engineering Project

- **C++, C#**, Kinect framework, Hololens framework, **Unity**
- This application allows a physiotherapist to view a patient's exercises remotely through a **Hololens**. The patient is completing their exercises with simple games using Kinect.
- This involves **rendering point clouds** from the **Kinect** stream in Unity to generate a 3D model for the Hololens.

uLearn

- **Android Studio**, Firebase
- Language learning app that allows users to learn by playing mini games.
- Developed a **game engine** within Android studio that allows users to play games and play with other users.
- Created a business plan and a go to market strategy.

PartyPlaylist

- **React Native**, Firebase
- Cross platform reddit style playlist
- Host can create a party playlist where guests can join to add and upvote songs in the queue