

# Tyler Metade

## Software Engineering Student

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



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## EDUCATION

### BA.SC Software Engineering, Engineering Management and Entrepreneurship option

University of Ottawa

09/2014 – 12/2018

Ottawa, ON, Canada

## WORK EXPERIENCE

### Software Developer

You.i TV

09/2017 – Present

Ottawa, ON, Canada

build media streaming apps that are deployable cross platform.

#### Achievements/Tasks

- Developed on all Apple and Android devices.
- Implemented mini games, analytics, video on demand, and other new features within applications.
- Debugged defects within the application using xCode debugging tools and a proxy server.
- Worked on big brand name apps with thousands of users.

Contact: Mark Leyden – Mark.Leyden@youi.tv

### Software Tester

You.i TV

01/2017 – 04/2017

Ottawa, ON, Canada

build media streaming apps that are deployable cross platform

#### Achievements/Tasks

- Integrated a proxy server to test the backend of the application.
- Efficiently tested features on multiple Apple and Android platforms.
- Provided defect fixes.
- Practised Agile Methodology.

Contact: Craig Hodge – Craig.Hodge@youi.tv

### Application Developer

Public Service Commissions of Canada

05/2016 – 08/2016

Gatineau, QC, Canada

PSC recruits and appoints qualified persons to the public service

#### Achievements/Tasks

- Constructed Specification documents for file formats, as well as system sequence diagrams.
- Automated the conversion of a SAS dataset to CSV.
- Created a test script to validate CSV files against their specifications.
- Implemented an API to store and format data for the Open Data initiative.

Contact: Remy Bernard – Remy-Bernard@cfp-psc.gc.ca

## SKILLS

C++



Java



Game Development



SQL



Ruby on Rails



Android Developement



Teamwork



Critical Thinking



## PERSONAL PROJECTS

### Engineering Games Robotic Machine Competition (09/2017 – Present)

- Python, Raspberry Pi, Solidworks, Circuit Theory, Team Management
- Built a robot to collect popsicle sticks, attach a banner to it, and place the assembled flags in designated areas around the course.
- Implement communication between the operator and the robot as the operator can not have direct view of the course.

### uGo (11/2016 – 12/2016)

- Ruby on Rails
- Web application that allows graduate students to easily apply for travel grants to attend academic conferences.

### MovieRater (03/2016 – 04/2016)

- HTML, CSS, PHP, SQL
- Web application that allows users to rate movies that they have watched.
- The application would then recommend movies based on how the user rated movies they have watched.

### Footy Manager (11/2015 – 12/2015)

- Android Studio, Java
- Allows users to create and manage tournaments within an android application.
- Users can view tournament schedules and update the schedule based on the outcome of the games.

## INTERESTS

Technology

Sports

Video Games

Music