

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 – 12/2017

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	●	●	○	○	○
Ruby on Rails	●	●	●	○	○
SQL	●	●	●	○	○
PHP	●	●	○	○	○
Android Development	●	●	●	●	○
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, PostgreSQL
- Web application that allows graduate students to easily apply for travel grants to attend academic conferences.

MovieRater (03/2016 – 04/2016)

- HTML, CSS, PHP, PostgreSQL
- 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