Michael **Truong** in [mtruon](#)   [mtruon](#)   ✉ mtruon02@uoguelph.ca

Technical **Qualifications**

Experienced with full stack and web development
Programming Languages: Java, Javascript, C, HTML, CSS, SQL, Swift, Python
Frameworks: React, Backbone, Grunt, Mocha, Android, iOS

Professional **Experience**

Real Programming 4 Kids. Programming Instructor   **9.2018 - Present**
Waterloo, ON
- Facilitated the development of computer science and mathematical foundational skills in students, ranging from ages 6 to 18, using RP4K's comprehensive curriculum
- Provided mentorship and guidance to each student within small classes up to 4
- Encouraged diversity within the technological industry by engaging students early on

Vena Solutions. Full Stack Software Developer   **1.2018 - 4.2018**
Toronto, ON
- Design, development, and integration of scalable enterprise-class features
- Integrated clear by intersection dimension numbers within the integration channel
- Practiced test driven development by writing unit tests, API tests, and user interface tests

Evertz Microsystems. Software Engineer   **6.2017 - 8.2017**
Burlington, ON
- Developed and maintained the J2K decoder
- Development for the 3482TXE's web interface
- Implemented H.264 support for the transport stream generator
- Extracted the MXF demuxer from the noogre system into a standalone application

FreshBooks. Quality Assurance Analyst   **6.2016 - 12.2016**
Toronto, ON
- Student quality assurance analyst for the core iOS team
- Tested and verified team increments for correctness, reliability, and regression
- Developed and integrated automated user interface tests for the iOS platform
- Executed regression testing for the android application
- Maintained the user experience for FreshBooks' mobile applications

Projects

'Piller' Web Application
- Partnered with Community Living Cambridge to build a platform which assists individuals suffering from Fetal Alcohol Spectrum Disorder (FASD)
- Leveraged gamification to build an encouraging user experience to enforce the development of desirable habits
- Developed the web application's frontend using vue.js

'Post Me' Android Application
- Social photo sharing platform where users pinned photographs to GPS coordinates
- Developed application app architecture, user interface, and camera vertical
- Utilized camera2 api and Google Map's Android API to develop the camera vertical

Education

University of Guelph   **Expected 4.2019**
Guelph, ON
Honours Bachelor of Computing, Computer Science (Co-op)
- Minor in Marketing Management
- Courses: Algorithms, data structures, objected oriented programming, UI/UX design, microprocessors, digital systems, operating system