SUMMARY OF QUALIFICATIONS

* Expertise with a wide range of **hardware devices (Arduino**, **ARM Cortex**, and **PIC** microcontrollers) and **software (Windows**, **OS X**, **Linux**, **iOS**, **Android)** as well as productivity suites such as **Microsoft Office** and **Adobe Suite**
* Experience with **electronic circuit design**, **PLC control systems**, **embedded systems**, and **assembly** **language** through individual projects and class work
* Familiar with creating 2D and 3D engineering drawings with **AutoCAD**, **SolidWorks**, and electrical CAD with **EagleCAD**
* Working knowledge of **Java**, **C#**, **C++**, and **MATLAB**; familiar with **C**, **RobotC**, **Wiring**, **SQL**, **PHP**, **HTML**, **CSS**, **JavaScript**, and **XML**
* Outstanding **teamwork** and **interpersonal skills** displayed continually throughout workplace experiences and education
* Proven to be **hard-working**, **adept at problem solving**, and **eager to learn** and **expand existing skillset**, evident through past co-op evaluations and extracurricular interests

**WORK EXPERIENCE**

Junior Engineer, Kepstrum Inc, Concord, ON, May 2015 – August 2015

* Began sole development of a major Windows application in C# meant to facilitate internal engineering processes, reaching major development milestones
* Spent one of four months in Austria, supporting software and test stand HMI development on-site at Kepstrum’s technical facilities in Leobersdorf
* Changed and improved existing business practices in a variety of different areas including administrative, logistical, and software
* Provided input on technical problems faced during execution of ongoing projects
* Gained international experience in the automotive and manufacturing industries, working for clients such as Bosch in Austria and Magna in both Austria and Canada

Student Computing Consultant, University of Waterloo Information Systems and Technology Department, Waterloo, ON, April 2014 – April 2015

* Acted in the same capacity as a Junior Technical Support Specialist, providing front-line technical support and services to the University community during off-peak hours

Software Systems Analyst, BlackBerry Limited, Waterloo, ON, Sept. 2014 – Dec. 2014

* Acted in an administrative role and provided support to employees on a variety of different systems such as JIRA, Git, Perforce, Integrity, and other proprietary internal tools
* Expanded on an existing BlackBerry 10 app, updating it for newer versions of the OS
* Created a new internal Android application, successfully learning Android development alongside regular duties
* Gained valuable industry level corporate experience, including exposure to the Software Development Life Cycle at a large and reputable company

Junior Technical Support Specialist, University of Waterloo Information Systems and Technology Department, Waterloo, ON, Jan. 2014 – April 2014

* Provided front-line technical support and services to the University community through multiple service desks on campus
* Solved a wide variety of technical problems using logical troubleshooting methodology
* Worked effectively in a professional environment with very minimal supervision
* Recognized for exceptional customer interaction with the student and staff community

EDUCATION

Candidate for Bachelor of Applied Science, Mechatronics Engineering, University of Waterloo, Waterloo, ON, Sept. 2013 – present

Ontario Secondary School Diploma, King City Secondary School, Richmond Hill, ON, June 2013

AWARDS AND DISTINCTIONS

* **WatPD Engineering Entrance Scholarship**, University of Waterloo, Waterloo, ON, July 2013 (for high school academics and extracurricular activity)
* **Governor General's Academic Bronze Medal**, King City Secondary School, King City, ON, June 2013 (for achieving the highest average upon graduating)

ACTIVITIES AND INTERESTS

* **Electronics** **Projects** (2013 - Present)**:**
* Learned valuable electronics skills such as soldering, circuit troubleshooting, and electrical CAD through a variety of small Arduino-based projects
* Gained important hands on experience in designing and assembling physical components through constructing and using my own 3D printer, as well as photo-fabricating circuit boards at home
* **Various Programming and IT-Related Projects** (September 2012 – Present)**:**
* Examples include the creation of my personal website, plugins for a popular Java-based game, and configuration of a private VPS running Linux
* **Engineering Orientation Leader** (September 2014 & September 2015)**:**
* Helped organize and manage incoming first-year students, ensuring they were engaged and having fun during orientation week activities
* Was one of three leaders responsible for an entire colour group of 80+ students