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## Skills Summary

- Strong experience with programming in various high level and assembly languages:  
**C, C++, C#, Java, Python, JavaScript, jQuery, HTML, CSS, XML, SQL, Apex, VHDL**
- Well-developed verbal and written communication skills
- Established strong organizational and problem solving skills by tackling large tasks in a logical step-by-step approach
- Demonstrated ability to manage multiple tasks and meet deadlines during previous co-op work terms and in academics at the University of Guelph
- Self-directed, responsible, adaptable, effective as part of a team or under minimal supervision

## Education

**Bachelor of Engineering, Computer Engineering (Co-op)** (2014 – Present)  
University of Guelph, Guelph, Ontario

**Ontario Secondary School Diploma** (2010 – 2014)  
Fletcher's Meadow Secondary School, Brampton, Ontario

## Work Experience

- **Software Developer at *Blackberry*** (May 2017 – September 2017)  
Blackberry Waterloo, Ontario
  - Worked under the Business Application solutions department, specifically on the Salesforce CRM Development team
  - Enjoyed working with a custom set of back end and front end technologies on the Salesforce platform
  - Successfully implemented a brand new dynamic lightning component, currently being used on multiple visual force pages along with a user feedback capturing feature utilizing Coveo analytics being used on Blackberry's public knowledge base
- **DevOps – Software developer at *The Co-operators*** (January 2017 – May 2017)  
The Co-operators Guelph, Ontario
  - Worked as a software developer in the development operations team with a term focus on software delivery, infrastructure changes, automation development and environment mapping with the use of Jenkins automation server
  - Was in charge of building a web service used to provide insight to the insurance advisors using .NET and WebSphere Message Broker
- **Web Application Developer at *Symcor*** (May 2016 – September 2016)  
Symcor Inc. Mississauga, Ontario
  - Worked as a full stack Java developer in an agile development team which included working on feature implementations and bug fixes for an internal enterprise application
  - Displayed superb team working skills and collaboration by regularly and actively participating in developer meetings.
  - Successfully demonstrated and thoroughly explained the web application's functionalities, components and structure to new developers on the team

## Relevant Experience

- **Large Scale Software Development Project** (2017)  
In a team of 7 spent 4 months understanding and adding implementations to an open source project on GitHub called The Powder Toy. The project involved reverse engineering, implementing change requests, completing a full requirement analysis along with a set of unit tests for a new controller support feature implemented by the team.
- **Digital Systems Engineering** (2016)  
Designed and implemented a fully functional microprocessor using VHDL and simulated the circuit on a FPGA board to demonstrate various arithmetic and logical operations
- **Kinder Surprise Toy Design** (2016)  
Within 2 months, designed a Kinder Surprise Toy using SolidWorks in a team of 5. Toy was required to be composed of fully 3D printed parts, had to be larger than the kinder egg when assembled, must shoot a projectile at least 5 meters along with several other specific constraints
- **Multifunctioning Vehicle Design Project** (2015)  
In a team of 5, designed and assembled a teddy-bear wheelchair which is capable of driving over ramps and shooting a ping-pong ball into an off-centre goal; done using limited supplies and only one motor. Programmed using an Arduino-Uno
- **Capstone Project** (2014)  
Independently researched and built a robotic car running a custom game software, using an Arduino-Uno, breadboard, LEDs and motors

## Extracurricular Experience

- **FRC robotics** (2012 – 2014)  
Fletcher's Meadow Secondary School, Brampton, Ontario
  - Head of programming/designing team in senior years
  - Obtained strong programming and assembly experience with robotics

## Awards & Achievements

- Honour Roll** (2010 – 2014)  
Fletcher's Meadow Secondary School, Brampton, Ontario
  - Grade average of 80% and higher
- Perfect attendance award** (2010 – 2014)  
Fletcher's Meadow Secondary School, Brampton, Ontario
  - No absences or late for classes in full year of school
- Computer Engineering award** (2012 – 2013)  
Fletcher's Meadow Secondary School, Brampton, Ontario
  - Highest mark in Computer Engineering (class of 2012, 2013)

## Additional Certifications

- **CPR and First aid** certified (certified with Setmedic)
- **WHMIS** certified
- **Multilingual** – Can speak: English, Hindi, Urdu, and Gujarati
- **Experienced** in SolidWorks/Autocad designing software and Windows/Linux Operating Systems