

TECHNICAL SKILLS

- **Programming experience:** Proficient in: Java, SQL; Knowledge of: C/C++, C#, Python, JavaScript, jQuery, VBA
- **Web/Framework/Markup:** HTML5, CSS3 | **Revision Control:** Git
- **Applications:** IntelliJ, Eclipse, Microsoft SQL Server, Toad for Oracle, Visual Studios, Android Studios, Stata, Outwit Hub, SSRS, Tableau Reporting, Automate 9/10, MS Access

EDUCATION

- 2013 - Present **University of British Columbia** Expected Graduation: May 2018
- BCom, Specialization in Business & Computer Science, CS Co-op Candidate
 - Sessional GPA for 2015 Term 1: 3.85/4.33

WORK EXPERIENCE

- Jan 2016 – Apr 2016 **Powerex – IT Operations Analyst, Co-op**
- Provided technical support for applications ranging from excel-based macros to large multi-tiered systems in addition to IT network and server infrastructure
 - Established reporting capabilities on the current operational state of applications and infrastructure
 - Enabled the business and IT department by building automations using an enterprise framework
- Summer 2015 **Northstar Trade Finance – Junior Technical Analyst**
- Exceeded expectations by completing Northstar's online loan tracking program that utilized .NET, SQL, and SharePoint before project deadline by applying understanding of accounting practices and knowledge of relational databases
 - Ensured zero discrepancies in company data transferal by accurately storing company's loan amortization and synoptic tables onto a SQL database
 - Increased program accuracy by testing and debugging the production database system
 - Increased the user friendliness of program by regularly communicating with project manager and developer with status updates and meaningful recommendations

TECHNICAL PROJECTS

- 2015 **Website – *judithyeo.com* (Personal)**
- Developed and created a website with responsive design, coded with HTML5 with the use of custom CSS3 stylesheets to achieve a sleek and user friendly interface
 - Embedded simple animations through the use of JavaScript and jQuery on-click events
- 2015 **Java Application – *UBC Bookstore***
- Developed an application that simulated a bookstore POS system that allowed users to add, delete, and ask certain queries within the database
 - Connected application to an Oracle SQL database and created a simple user friendly interface
- 2015 **Android Application – *Marco* (Personal)**
- Created a prototype location-based chat application written in Java and implemented in Android Studios with team of 5 in 24 hours at the 2015 Vancouver Startup Week Hackathon
 - Contributed to the application functionality by learning the Quickblox API to implement the messaging features and overall design and esthetic of application
- 2015 **Simple Machine Simulator**
- Implemented simple instructions such as jumps, reads, and stores to simulate a single processor computer's memory and register allocation
 - Translated C programs into assembly code to test and debug simulator; imitated the behaviour of stacks and heaps
- 2015 **Puzzle Solver**
- Coded puzzle solvers in C++ by understanding and implementing data structures such as AVL trees, linked lists, dictionaries, and queues
 - Used asymptotic analysis on searches such as breadth-first, best-first, and depth-first searches
- 2014 **Android Application – *Restaurant Quiz***
- Worked with a partner to implement a location-based Android game in Java where users guess where a restaurant is located on an interactive map
 - Implemented by using the IntelliJ IDE and created a test suite through using JUnit
 - Gained firsthand experience in working with Google API's and parsing JSON files

EXTRACURRICULAR EXPERIENCE

- 2014 - Present **Point Grey Secondary Athletics Dept. – Ultimate Frisbee Assistant Coach**
- Coached the team to 2nd and 5th places at the BC Provincial Championships in 2014 and 2015 respectively by effectively communicating knowledge and strategy of the sport
 - Received positive recommendations from players and head coaches from effort shown by organizing practices three times a week through coach collaboration and communication
- 2008 - Present **Ultimate Frisbee – Athlete**
- Varsity athlete, selected onto the UBC T-Birds in 2014 and 2015, earning 9th and 3rd places at USAU Nationals
 - Selected onto the U20 Canadian Women's Team in 2012 and 2014, earning 3rd and 2nd places at the U20 World Junior Championships
- 2008 - 2012 **111 Pegasus Royal Air Cadet Squadron – Sergeant**
- Taught leadership classes as a senior level cadet by using experiences from the Introduction to Leadership Course
 - Led by example with sharp drill, perfect dress and deportment, and discipline

AWARDS AND ACHIEVEMENTS

- 2013 **John O'Connor Mini School Award – Point Grey Mini School**
- Awarded for exemplifying the spirit of the mini through leadership and organization as part of the Mini Leadership class and treasurer of the student council
- 2012 **Duke of Edinburgh Bronze Award**
- Awarded for achieving high standards in Service, Physical Recreation, Skill & Outdoor Expeditions