

## TECHNICAL SKILLS

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- Experience in C/C++, Java, Python, SQL, and Racket
- Software: NetBeans, IntelliJ, Microsoft SQL Server, Stata, Microsoft Word and Excel

## ACADEMIC TECHNICAL PROJECTS

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- 2015 **Simple Machine Simulator**
- Wrote a program that simulated a CPU with a single processor that processes assembly code to manipulate registers and memory
  - Translated C programs into assembly code to test and debug simulator
- 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

## WORK EXPERIENCE

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- Summer 2015 **Northstar Trade Finance - Junior Technical Analyst**
- Applied understanding of accounting practices and knowledge of relational databases to complete Northstar's online loan tracking program that utilized .NET, SQL, and SharePoint
  - Accurately transferred company's loan amortization and synoptic tables onto a SQL database
  - Tested and debugged both the developmental and production database systems
  - Regularly communicated with project manager and developer by providing status updates and recommendations to improve the system

## EXTRACURRICULAR EXPERIENCE

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- 2014 - Present **Point Grey Secondary Athletics Dept. – Ultimate Frisbee Assistant Coach**
- Organised practices three times a week through coach collaboration and communication
  - Effectively communicated knowledge and strategy of the sport in coaching the team to 2<sup>nd</sup> and 5<sup>th</sup> place finishes at the BC Provincial Championships in 2014 and 2015 respectively
- 2008 - Present **Ultimate Frisbee Player**
- Selected onto the UBC T-Birds in 2014 and 2015, earning 9<sup>th</sup> and 3<sup>rd</sup> places at USAU Nationals
  - Selected unto U23 Canada Women's Team in 2013 and 2015, and U19 Canada Women's Team in 2012 and 2014: Two-time Worlds Medalist
  - Represented BC All-Stars Team in 2011 and 2013, two-time Nationals Gold Medalist
- 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

## EDUCATION

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- 2013 - Present **University of British Columbia** Expected Graduation: 2018
- BCom, Combined Major in Business & Computer Science

## AWARDS AND ACHIEVEMENTS

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- Jun 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
- Jun 2012 **Duke of Edinburgh Bronze Award**
- Awarded for achieving high standards in Service, Physical Recreation, Skill & Outdoor Expeditions