**EDUCATION**

• Bachelor of Applied Science and Engineering, Engineering Science, University of Toronto, 2015

**Technical Skills**

• Programming: C, C++, Java, Python, HTML, CSS, JavaScript (JQuery), PHP (Code Igniter), AJAX

• Database: Relational Database (MySQL, PostgreSQL), XML (XQuery)

• Version control: Git, SVN

• Others: MATLAB, VBA with Excel Application

**Programming Experience**

• Design and implementation of a mobile employee feedback application (HTML, CSS, JQuery, PHP)

• Web game development (HTML, CSS, JavaScript, JQuery, PHP, Code Igniter, AJAX)

• A multiplayer game “Mazewar” with centralized and distributed servers (Java)

• Creating a Search Engine with Crawler and PageRank (Python, HTML, CSS, JavaScript)

• Designing complex relational database queries with JDBC (Java)

• Computer generated graphics and animations (C++)

• Mathematical modeling and implementation of an Index Tracking Strategy for S&P500

(MATLAB)

• Computation of option prices and simulation of stock prices (VBA with Excel application)

• OS implementation of system calls and memory management (C)

• Mean-Variance Optimization for financial portfolio optimization (MATLAB)