### SKILLS SUMMARY

* Enthusiastic, passionate, and driven
* Extensive familiarity with C++ and C through professional, academic, and independent study
* Proficient in C#, ASP.NET, Ajax, and CSS
* Experience with C++ Script and GUI scripting
* Fair experience with several other programming languages including Visual Basic and Java
* Eager to learn new material

**WORK EXPERIENCE**

**SlipStream Software Test/Tools Developer,** Research In Motion Limited, Waterloo, Ontario, September 2009 – Present

* Worked on the SlipStream SV&V team (supervised by Gloria Hsieh and Clifford Hung)
* Performed BlackBerry browser performance testing and profiling
* Wrote and contributed to testing tools in VBA and C++, and provided documentation for said tools
* Tested various BlackBerry software systems

**Application Developer,** Sun Life Financial, Waterloo, Ontario, January – April 2009

* Developed functionality for the company intranet portal using ASP.NET, C# and Ajax
* Created dynamic and branded web sites using JavaScript and CSS
* Handled daily issues reported to the Website Support Inbox

**Test Specialist,** Agfa Healthcare, Waterloo, Ontario, May – August 2008

* Designed and developed automated test procedures
* Designed, developed and executed reusable and maintainable automated scripts
* Followed development and testing standards and guidelines

### EDUCATION

**Candidate for Bachelor of Computer Science**, Computer Science, Co-op Program, University of Waterloo, Waterloo, Ontario, September 2007 – present

**Relevant Assignments:**

**Card Game Design,** Software Abstraction and Specification, May – August 2009

* Created a fully featured graphical Euchre game
* Worked in a group of two, using Subversion to organize code
* Programmed using C++ and the gtkmm graphics library

**Compiler,** Foundations of Sequential Programming, September – December 2008

* Created a working compiler for a simplified teaching language, WL
* Individually programmed various parts of the compiler in C and Java

**Braun Tree Manipulation,** Elementary Algorithm Design and Data Abstraction, January – April 2008

* Used functional programming language, Scheme
* Implemented several functions involving Braun Trees, including conversions to and from lists

**Binary Search Tree Manipulation,** Elementary Algorithm Design and Data Abstraction, January – April 2008

* Made use of the pointers in the C programming language
* Wrote a program to create, modify, and search binary search trees

**Relevant Courses:**

* Data Structures and Data Management
* Logic and Computation
* Software Abstraction and Specification
* Foundations of Sequential Programming & Computer Organization and Design
* Designing Functional Programs & Elementary Algorithm Design and Data Abstraction
* Algebra and Calculus 1 & 2

**ACTIVITIES & INTERESTS**

**Active Involvement in personal programming projects**

* Enjoy writing programs for fun
* Release open-source projects on http://ghindustries.webs.com/
* Have released 2 encryption related applications and a Sudoku game

Programming, video games, electronics, technology, guitar, basketball, and tennis.