

# Daniel(Ilgoo) Jung

3B Computer Science  
Waterloo ID: 20432441

71 Gardiner Drive, Bradford, Ontario L3Z 3G2

226-929-8580  
i3jung@uwaterloo.ca

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## Skills

### Industry Related Skills

- Exceptionally experienced in learning programming languages and using them effectively
  - 3 years experience in C++ including a card game simulator using object oriented programming
  - 2 years experience in C using lists, queues, trees and abstract data types
  - 1 year experience in Linux, including bash shell scripting
  - 4 months experience in Perl, JavaScript, Ajax, and jQuery creating a dynamic web page
- Capable of multi-tasking several different projects simultaneously
- Proficient in creating, analyzing, and testing efficient programs
  - Created the UI for a physics momentum ball simulation using C++ and Dark GDK

### Research Skills

- Capable of learning new programming languages and industry related software
  - Self-taught HTML and CSS to understand the basics of web design
  - Independently learned Clojure to complete work related reports
- Proficient at solving problems through thorough research
- Self-motivated ability to learn a broad variety of skills
  - Independently learned basic music theory to create simple soundtracks
  - Obtained skills in art theory to create pixel art, as well as learn the required software such as Gimp and GraphicsGale

### Communication Skills

- Teamwork skills developed through frequent group projects
  - Worked on a web project with a coworker, allocating work, attending regular meetings, and using SVN source control
  - Worked closely with a partner to develop a 2D RPG
- Excellent verbal communication and writing ability
  - Worked in a large corporation communicating with several people by handling requests as well as discussing issues
- Proficient in teaching others
  - Tutored younger high school students and fellow classmates

## Experience

### **Application Support Analyst** January/2014 – April/2014

*Citigroup, Mississauga, Ontario*

- Enhanced monitoring of servers using Geneos
- Programmed a report that shows trends of application statuses from an internal database
- Created a web application which simplified repetitive support tasks
- Created predefined SQL queries for an application database
- Multitasked several projects as well as complete day to day support tasks

### **Cashier** September/2008 – August/2011

*Bradford Food Mart, Bradford, Ontario*

- Self-reliant and responsible for singlehandedly managing over the entire shop
- Frequently assisting and communicating with customers

### **Volunteer Tutor** February/2010 – June/2010

*Bradford District High School, Bradford, Ontario*

- Explained mathematical concepts to younger students
- Motivated and encouraged students to attempt difficult math problems

### **Volunteer Dealer** March/2012

*DECA, Waterloo, Ontario*

- Explained rules for games to participants
- Acted in a professional manner while managing cards

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## Education

### **University of Waterloo – Candidate for Bachelor of Computer Science**

September/2011 – Present

#### **Relevant University Courses**

- User Interfaces
  - User interface design and architecture
- Objected-Oriented Software Development
  - Introduction to OOP
- Introduction to Database Management
  - Concepts of database systems
- Data Structure and Data Management
  - Performance of algorithms and data structures

### **Bradford District High School – Ontario Secondary School Diploma**

September/2007 – June/2011