

# Vitaliy Kondratiev

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## CONTACT INFORMATION

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## SUMMARY OF SKILLS

- ✓ Hard working/ Quick Learner/ Highly Organized
- ✓ Efficient both independently and on a team
- ✓ Punctual/ fun/ friendly and enthusiastic
- ✓ Experienced in many programming languages and concepts
- ✓ Excellent presentation and teaching skills
- ✓ Excellent communication and intra-personal skills
- ✓ Familiar with Microsoft Windows based operating systems
- ✓ Familiar with Linux Operating Systems
- ✓ Familiar with a retail environment
- ✓ Fluent in Russian, both verbal and written

## EDUCATION

**McMaster University**

Hamilton, ON

*{Bachelor of Applied Science} Honours, Computer Science*

**September 2009 – present**

- ◆ Expected graduation date: May 2013
- ◆ Currently in level three of a four year Bachelor of Computer Science program
- ◆ Member of Deans Honour List (2010)
- ◆ Member of *The Golden Key Society, McMaster Chapter* (inducted 2010)

## PROFESSIONAL EXPERIENCE

**Cancer Care Ontario**

Hamilton, ON

*Database Assistant, Program in Evidence-based Care*

**May 2012 – Present**

- ◆ Tested and developed a user friendly Microsoft Access Database that is used in research
- ◆ Worked both in a team environment and individually
- ◆ Responsible for finding database bugs and coming up with solutions
- ◆ Responsible for creating new and innovative ways to improve the database as well as develop new customer requests
- ◆ Worked with Microsoft Access, Excel, Word, Outlook, SQL servers and Visual Basic Programming

**McMaster University**

Hamilton, ON

*Teaching Assistant, Computer and Software Department*

**September 2011 – December 2011**

- ◆ Lead tutorials independently, teaching students of professionalism in the workplace
- ◆ Taught topics such as; making a good presentation, creating a resume and cover letter, making a sales pitch, going through a job interview and proper commenting of code
- ◆ Marked both written (product proposals, resumes, cover letters) and oral (sales pitch) assignments
- ◆ Prepared tutorials to suit material as well as conducted one on one mock interviews
- ◆ Answered any student's inquiries and provided feedback on assignments
- ◆ Developed excellent intra-personal and teaching skills, such as public speaking and conflict resolution
- ◆ Developed excellent team oriented skills by working with the professor and other teaching assistants

**McMaster University**

Hamilton, ON

*Research Assistant, Computer and Software Department*

**May 2010 – August 2010**

- ◆ Worked on various computer science related projects
- ◆ Used the Linux operating system and the Haskell functional programming language
- ◆ Worked independently while making own schedule and meeting deadlines
- ◆ Developed strong organizational and programming skills
- ◆ Self taught new programming language and techniques during the course of employment

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## COMPUTER SKILLS

### *Experienced with C++ programming concepts*

- ◆ Experienced with memory allocation, pointers, object oriented programming, linked list implementation and other programming techniques
- ◆ 4 years of experience with different compilers and libraries
- ◆ First programming language ever learned

### *Proficient with JavaScript object oriented programming techniques*

- ◆ Worked with/manipulated simple databases
- ◆ Worked with simple graphical objects
- ◆ 3 years experience

### *Proficient with Python programming concepts*

- ◆ Implemented the *Conway's Game of Life* in Python
- ◆ Implemented Huffman Trees in Python
- ◆ Used Python to implement advanced algorithms;  
Kruskals Algorithm for minimum spanning tree

### *Sufficient with OpenGL using C++*

- ◆ Experienced with several 2D and 3D graphical concepts and their implementation in OpenGL
- ◆ Translated *Conway's Game of Life* from python and implemented OpenGL graphics
- ◆ Created a particle system simulating a fountain, rain, snow etc.
- ◆ Designed and programmed a game of 3D Brick breaker

### *Experienced with Haskell functional programming language*

- ◆ Fully experienced with most functional programming concepts
- ◆ Extremely efficient with recursive procedure
- ◆ Programmed a Rubik's cube representation and solution finder
- ◆ Attempted to program a window managing program (XMonad) to work over a network

### *Experienced with Microsoft Office Suite Visual Basic and SQL programming*

- ◆ Great understanding of VBA programming concepts
- ◆ Created macros for spreadsheets to increase productivity at Drive Products job
- ◆ Fixed bugs and developed an Access Database with VBA programming
- ◆ Incorporated SQL statements to manipulate the database

### *Familiar with L<sup>A</sup>T<sub>E</sub>X document preparation system*

- ◆ Good understanding of L<sup>A</sup>T<sub>E</sub>X programming and concepts
- ◆ This resume was written with L<sup>A</sup>T<sub>E</sub>X as practice and example

## INTERESTS

### *Other technical computer related subjects*

- ◆ Macromedia Flash Professional with ActionScript (video/game design)
- ◆ Windows Phone 7 application development
- ◆ Unreal Engine level editing
- ◆ Web Development

## EXTRACURRICULAR

- ◆ *McMaster Fencing Club*: Beginner
- ◆ *McMaster Golden Key Society*: Member and Volunteer
- ◆ *McMaster Society Off Campus Students*: Member and intramural sports participant

**References Available Upon Request**