

# VIKAS JOSHI

2A Computer Science

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## Skills Summary

- Two years' experience of fundamental programming concepts and their applications in Java and C, developed through various computer science courses
- Acquired object-oriented programming skills from projects and courses
- Experience with HTML5, CSS and PHP developed through work/home projects
- Solid experience using Android SDK, Ubuntu (UNIX), Vim and Command line shell environments
- Ability to promptly debug and troubleshoot software applications and source code
- Valued analytical and detail-oriented skills

## Work Experience

Customer Service Representative/Helpdesk, The Michener Institute, Toronto, Ontario, Apr. – Aug. 2013

- Implemented web updates to michener.ca as requested with the use of PHP and HTML5
- Solved several critical networking issues with the LAN Admin that occurred during computer replacements/migrations
- Performed troubleshooting, prioritization and multitasking of all help requests directed to Information Management within a team
- Installed 185 new computers and phones under high-pressure with a short deadline

## Relevant Projects

Android Application, Home Project, Dec. 2013 – Present

- Programmed an android application that conveniently displays mathematical propositions learned in Algebra
- Enhanced object-oriented programming skills using Java, XML and Eclipse
- Strengthened software design skills by using code efficiency

Personal Website, vikasjoshi.ca, Dec. 2013 – Present

- Improved HTML5 and CSS skills while developing vikasjoshi.ca
- Gained experience with Git

Scribbler Robot Project, Intro to Methods of Software Engineering, Oct. – Nov. 2012

- Collaboratively programmed the Scribbler Robot to autonomously identify and rearrange small objects using Python
- Demonstrated the ability to work within a team setting

- Executed the Scribbler Robot project by following the Software Development Cycle

Final Computer Science Project, Computer Science, Dec. 2011 – Jan. 2012

- Independently programmed casino style games such as Texas holdem poker, blackjack and slots
- Implemented searching and sorting algorithms, file input/output, a graphical user interface and Object Oriented Programming features with the use of Java
- Credited full marks for surpassing project requirements and meeting the project deadline

## **Education**

Candidate for Bachelor of Computer Science, Co-operative Program, University of Waterloo, Waterloo, ON, Sept. 2012 – present

Ontario Secondary School Diploma, Bluevale Collegiate Institute, Waterloo Ontario, June 2012

## **Awards & Achievements**

- President's Scholarship, University of Waterloo, Waterloo, ON, Sept. 2012 (for high school admission average)
- Waterloo County Entrance Scholarship, University of Waterloo, Waterloo, ON, Sept. 2012 (for outstanding academic performance in a Region of Waterloo secondary school)
- Certificate of Achievement: Completing Conestoga College Dual Credit Course for Engineering Drawing and Technological Design, Bluevale Collegiate Institute, Waterloo, ON, June 2012
- Ontario Scholar Certificate, Bluevale Collegiate Institute, Waterloo, ON, June 2012

## **Activities & Interests**

- Enjoy working with new technologies
- Reading Hacker News
- Playing on various sports teams such as basketball and volleyball teams