VIKAS JOSHI
1B Software Engineering

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Cell: 226-750-7119

SKILLS SUMMARY

- Strong knowledge of fundamental programming concepts and their applications in Java and C; developed through various computer science courses
- Ability to promptly debug and assess software applications and source code
- Familiar with C++, Python, Bash, HTML, basic networking concepts and Software Development Life Cycle
- Experience with Windows, Ubuntu (UNIX), Android, Eclipse, Vim and Command line shell environments
- Valued analytical and detail oriented skills acquired through procedural programming and Technological Design projects
- Excellent oral and written communication skills obtained through group projects and technical reports

RELEVANT PROJECTS

Android Application, Home Project, Dec. 2012 – Present

- Programming an android application that suggests how to manage time with academic and leisurely activities, according to data entered by the user
- Application being programmed independently, using Java and Eclipse
- Enhancing problem solving and multitasking skills

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

- Collaboratively, the group programmed the Scribbler Robot to do a specific task of autonomously identifying and rearrange small objects; coded with Python
- Executed the Scribbler Robot project through the use of the Software Development Cycle
- Developed a basic understanding of Python and demonstrated detail oriented skills with a thorough, final report

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

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

EDUCATION

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

Ontario Secondary School Diploma, Bluevale Collegiate Institute, Waterloo Ontario, June 2012
Relevant Courses:

Computer Science (Grade 11, 12) – Studied Java and Object Oriented Programming concepts
Technological Design (Grade 9-12) – Studied the Engineering Design Process and applied it to group projects

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)

- Ontario Scholar Certificate, Bluevale Collegiate Institute, Waterloo, ON, June 2012

- Certificate of Achievement: Completing Conestoga College Dual Credit Course for Engineering Drawing and Technological Design, Bluevale Collegiate Institute, Waterloo, ON, June 2012

ACTIVITIES & INTERESTS

Camp Volunteer, Yoga Camp, Kitchener, ON, Aug. 2011
- Successfully organized and created group activities for campers
- Planned and assigned tasks for other volunteers

Computer Science Club, University of Waterloo, Waterloo, ON, Sept. 2012 – Present

Varsity Volleyball Team Member, Bluevale Collegiate Institute, Waterloo, ON, Sept. 2009 – Nov. 2011

Enjoy testing and working with new software/technology

UNIVERSITY OF WATERLOO
UNOFFICIAL GRADE REPORT

VIKAS JOSHI
20457023
1B SOFTWARE ENGINEERING

Spring 2013 PD   20   Eng'g Workplce Skills I:

      Term Average: n/a   Decision:

Winter 2013 CS   138   Intro to Data Abstr and Implem
Winter 2013 ECE   106   Physics of Electrical Eng 2
Winter 2013 ECE   124   Digital Circuits and Systems
Winter 2013 MATH   119   Calculus 2 for Engineering
Winter 2013 MATH   135   Algebra for Hons Mathematics
Winter 2013 SE   102   Seminar

      Term Average: n/a   Decision:

Fall 2012   CS   137   Programming Principles   59
Fall 2012   ECE   105   Physics of Electrical Eng 1   53
Fall 2012   ECE   140   Linear Circuits   82
Fall 2012   MATH   115   Linear Algebra (Eng)   80
Fall 2012   MATH   117   Calculus 1 for Engineering   81
Fall 2012   SE   101   Intro to Methods Software Eng   85

      Term Average: 72.3   Decision: Good standing