

ANKIT SARDESAI

♦ 1B Software Engineering ♦ Student ID: 20473353
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SUMMARY OF QUALIFICATIONS

- Proficient in **Visual Basic**, **Java**, **HTML** (HyperText Markup Language), **CSS** (Cascading Style Sheets), **JavaScript**, **jQuery** and **PHP**, developed through two years of computer science courses, one year of co-operative education in high school and through self-learning
- Familiar with several programming languages, such as **C**, **C++**, and the **Ruby on Rails** framework
- Easily able to adapt to new work environments and programming languages
- Able to think logically and quickly come up with optimized solutions
- Demonstrated excellent collaboration skills as part of the FIRST Robotics program

TECHNICAL SKILLS

- **Website Development Knowledge:**
 - Front-end: HTML, CSS, and JavaScript (including jQuery)
 - Back-end: PHP and the Ruby on Rails framework
- **Application Development Knowledge:**
 - Java, C, C++, Visual Basic
- **Controls System Programming Knowledge:**
 - Java, C++, National Instruments LABView

WORK EXPERIENCE

- **Webmaster**
ASAPIT Consulting Inc., Mississauga, ON (August 2011)
 - Independently developed a functioning website using HTML, CSS, and JavaScript
 - Explored all parts of the software development lifecycle, from designing to developing to delivering
- **User Interface Designer/Developer**
Studica Ltd., Mississauga, ON (July 2011 – August 2011)
 - Worked with practical applications of HTML, CSS, JavaScript, PHP, and Ruby on Rails
 - Created graphics for the website using Adobe Photoshop
 - Pushed changes that were soon implemented on the official website
 - Offered full-time position for extensive contribution and dedication

EDUCATION

- **Candidate for Bachelor of Software Engineering (BSE), Software Engineering**
University of Waterloo, Waterloo, ON (September 2012 – present)

- **Ontario Secondary School Diploma (OSSD)**

Rick Hansen Secondary School, Mississauga, ON (September 2008 – June 2012)

- Enrolled in Specialist High Skills Major program for Manufacturing Robotics
- Received the Ontario Scholar distinction
- **Relevant Projects:**
 - Practical Software Project (April 2012 – June 2012)
 - Developed a software program in Java Swing that randomly generates physics questions relevant to the Grade 11 physics curriculum
 - Used design patterns in code to ease the process of adding extra functionality

AWARDS AND ACCOMPLISHMENTS

- Received \$2000 Software Engineering entrance scholarship
- Completed the Grade 4 Royal Conservatory of Music Piano Examinations with first class honors

ACTIVITIES AND INTERESTS

- **FIRST Robotics Team**

Rick Hansen Secondary School (September 2010 – Present)

- Worked together with teammates and mentors from the industry creating a fully functional robot with the intent of competing at FIRST (For Inspiration and Recognition of Science and Technology) Robotics competition
 - Co-managed a sub-group of programmers and implemented various functions of the robot using LABView, a graphical programming language
 - Gained experience in every part of the team, from administration and website to the mechanical and controls groups
- Enjoys reading articles about the technology industry

References Available Upon Request