

# Ankit Sardesai

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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, as well as the **Git** version control system
- ♦ 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 (February 2012 – August 2012)
  - 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 problems relevant to the Grade 11 and 12 physics curriculum and compiles them into a printable PDF worksheet or quiz
  - 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 – June 2012)

- 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