Ankit Sardesai

Cell: (226) 750-7233 ◆ amsardes@uwaterloo.ca
5653 Dawlish Crescent, Mississauga, ON L5V1W2
http://www.ankitsardesai.ca/

Summary of Qualifications

- Experienced 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
- **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