

ROHAN SAIGAONKAR

1A Systems Design Engineering

SKILLS

- Great leadership qualities, gained through 6 years in the Royal Canadian Air Cadets program
- Extremely flexible, dedicated, and self-motivated individual
- Experience with Adobe Photoshop, Premiere Pro, SolidWorks, and AutoDesk Inventor
- Strong time management skills demonstrated by balancing Air Cadets (9 hours/week) and Grade 12 (30 hours/week), while remaining on the honour roll
- Experience in C++ (university course), HTML (self-taught), and JavaScript (self-taught)
- Solid written and oral communications, shown through high marks in English courses and tutoring a high school student
- Excellent collaborative skills, shown through 8+ years in organized team sports
- Studied 12 years in French immersion, thus able to communicate effectively in French and English

EXPERIENCE **MATH TUTOR – WHITBY, ON**

Self-Employed (September 2014 – February 2015)

- The student's mark in math showed significant improvement over the course of the semester, after the tutoring started
- Explained difficult concepts to the student by personalizing lessons to target their needs

VOLUNTEER AT OSHAWA AIRPORT – OSHAWA, ON

Enterprise Airlines (September 2012 – January 2013)

- Operated the ramp at the Enterprise Airlines Hangar at Oshawa Airport
- Took initiative to cleaning aircraft, followed instructions to move aircraft in and out of the hangar
- Responsible for ensuring that all flight school aircraft were fuelled before the start of each day; logged refuelling into Microsoft Office Access database

MULTIPLE VOLUNTEERING ACTIVITIES THROUGH ROYAL CANADIAN AIR CADETS – WHITBY, ON

Staggered: September 2009 – May 2015

- Sold poppies for the Royal Canadian Legion
- Participated in the Adopt-a-Road street cleanup, volunteering at numerous charity events, and various community parades

AWARDS AND **POWER PILOT SCHOLARSHIP – ROYAL CANADIAN AIR CADETS**

HONOURS June 2014 – August 2014

GLIDER PILOT SCHOLARSHIP – ROYAL CANADIAN AIR CADETS

June 2013 – August 2013

STANDARD FIRST AID CPR-C QUALIFICATION – SANTINEL INC.

Summer 2012

TOP AIR CADET AWARD – ROYAL CANADIAN AIR CADETS

September 2012 – May 2012

**EDUCATION CANDIDATE FOR BACHELORS OF APPLIED SCIENCE: 1A SYSTEMS DESIGN ENGINEERING
UNIVERSITY OF WATERLOO – WATERLOO, ON**

September 2015 - Present

- Awarded President's Scholarship (Awarded to those with an entrance average between 90-95%)
- Relevant courses: Introduction to Design, Graphics Lab, Digital Computation, Physics I

**ONTARIO SECONDARY SCHOOL DIPLOMA
SINCLAIR SECONDARY SCHOOL – WHITBY, ON**

September 2011 – June 2015

- Honour Roll status (+80% overall average) for all four years
- 90% overall in English, including a 96% for an independent study unit assignment, and 94% on a written essay
- 91% in Advanced Functions and 94% in Calculus and Vectors

**ACTIVITIES AND
INTERESTS**

- Flying
 - Private pilot as of Summer 2014, and glider pilot as of Summer 2013
 - Ability to remain calm and collected in stressful situations
- Sports
 - Played organized hockey and baseball
 - Recreationally play squash, street hockey, rugby, baseball, tennis, and golf
- JavaScript, HTML, C++ programming, and 3D Modelling
 - Created a computer monitor and a knife in AutoDesk Inventor
 - Created a JavaScript program to solve quadratic equations, as well as one to play electronic rock-paper-scissors
 - Programmed a C++ program to calculate the square root of any number
 - Designed an offline webpage with HTML from scratch