DHRUV BHASKAR

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www.dhruvbhaskar.com

SUMMARY OF QUALIFICATIONS

Programming Experience :	C, C++ (2 Years)
Web Development :	HTML, CSS 3, JavaScript, jQuery
Integrated Development Environments :	Code::Blocks, Microsoft Visual Studio
Operating Systems :	Windows 7 and 8, Ubuntu Linux, Mac OS X
Version Control :	Git

EDUCATION

University of Calgary - Schulich School of Engineering   Sept 2013 - present
Alberta, Canada

· B.Sc. in Electrical Engineering (Year 2)
· Cumulative GPA : 4.0/4.0

Scholarships :
· Dean Wirasinghe Undergraduate Scholarship in Engineering valued at $1,665 (2014)
  - offered to the top undergraduate student entering second year
· CNOOC Undergradute Scholarship valued at $10,000 (2014)
· President's Admission Scholarship valued at $2,500 (2013, renewed in 2014)
· University of Calgary Dean's Entrance Scholarship valued at $16,000 (2013)

Current Involvements :
· Member of the MicroProcessor Group (MPG) currently pursuing MPG level - 1 embedded systems
  program led by Engenuics
· Improving residence life by troubleshooting network problems as a RezNet Technician at university
  residence
· Providing guidance to first and second year students as a Learning Assistant at the Devon Academic
  Resource Centre, University of Calgary

Delhi Public School   Graduated in 2013
Kalyanpur, Kanpur

· Central Board of Secondary Education (CBSE)
· Grade XII : 95% overall average

Awards :

· Scholar badge holder for excellent academic performance (2012 - 2013)
· Certificate of merit and DPS award for academic excellence (2012)
· Gold medal awarded by Hindustan Times for outstanding performance in grade X (2011)
· Letter of special achievement from the Education Minister of India (2011)

PERSONAL PROJECTS

Antenna Modelling - Radio JOVE   Oct 2014 - present

Modelled different antenna designs that can be used with NASA's Radio JOVE kit under the guidance
of graduate students.
Software used: Numerical Electromagnetics Code - 2 (4NEC2)

Personal Website   Dec 2013

Built a personal website using HTML, Javascript, CSS and jQuery while adhering to good design
principles and keeping cross - browser compatibility in mind.
Link : http://www.dhruvbhaskar.com

Quines   Dec 2013

Studied self-replicating programs and produced examples in C and C++.
Source Code : http://github.com/dhruvbhaskar/quines

Arduino   Oct 2013

Programmed microcontrollers and built basic circuits containing potentiometers, diodes, transistors,
servo motors, shift registers etc. on Arduino Uno R3.

Tic-Tac-Toe   Jul 2013

A Tic-Tac-Toe console game written in C featuring two difficulty levels.
Source Code : http://github.com/dhruvbhaskar/tic-tac-toe

VOLUNTARY WORK AND LEADERSHIP

· Secured second position in re-engineering category at the Schulich Engineering Competition 2014

· Participated in Schulich Certificate training program aimed at gaining hands on experience with commonly used softwares and instrumentation (see next page)

· Volunteered at June 2014 convocation ceremonies at the University of Calgary

· Represented Schulich School of Engineering at the 2013 Open House and informed prospective students about University of Calgary's engineering programs

· Represented Delhi Public School as the team captain in international and national-level table tennis tournaments

Certificate of Training

SCHULICH
School of Engineering

UNIVERSITY OF CALGARY

This certifies that

DHRUV BHASKAR

has successfully completed the training program requirement for the Schulich Certificate and has completed the workshops in *Surveying, Soldering, Excel, & AutoCAD.*

Dr. Lynne Cowe-Falls

SSE Director of Students

Date 21 April 2014