



# PREET SHAH

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 preetshah.me

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 github.com/preetshah123



## SUMMARY OF QUALIFICATIONS:

- Gained experience in AutoCAD, SolidWorks, Technical drawings, and GD&T through an Engineering Graphics and Design course and personal projects
- Displayed great teamwork and collaborative abilities while participating in successful team related experiences
- Gained valuable leadership experience and public speaking skills while serving as the President of two start ups within the Junior Achievement Program
- Developing valuable experience in C++ by building a LEGO NXT sorting robot
- Proficient in the use of Microsoft Word and PowerPoint along with a working knowledge of Microsoft Excel
- Hardworking and determined to accomplish tasks on time and provide superior results



## RELEVANT EXPERIENCE:

### LEGO NXT Robot - Class Project



January 2017 - Present

- Gaining new and valuable programming knowledge by using C++ to program a robot that sorts objects based on colour and shape

### Formula 1 Car Concept Design - Personal Project



December 2016 - Present

- Enhanced technical drawing skills and deepened my knowledge of AutoCAD and 3D modelling on SolidWorks
- Broadened my understanding and knowledge of the facial design and the internal parts of a car

### Formula Electric UWaterloo - Power train Member



October 2016- Present

- Exposed to the mechanics involved in building and testing parts of the car
- Manufactured a gasket to be used within the motor to prevent fluid leakage

### Junior Achievement of Southern Alberta - President, Cofounder of S-Scents and ScentSation



October 2014 - April 2016

- Led team meetings, acted as the intermediate between the group and the advisors, and ensured team morale stayed positive
- Collected knowledge and experience of the business world
  - Learned new business terms, gained valuable marketing and financial skills
- Enhanced Microsoft Excel skills
  - Created spreadsheets that collect and calculate data, created graphs, gained insight into the use of Macros
- Strengthened team work and cooperation skills which were essential for having a successful year
  - First year - made \$30/person    Second Year - made \$80/person



## EDUCATION AND AWARDS:

**Candidate for Mechanical Engineering**, University of Waterloo,  
Waterloo ON  
September 2016 - June 2021

- Achieved the University of Waterloo President Scholarship by attaining a high school average of 90% or higher

**Alumni**, Henry Wise Wood High School,  
Calgary AB  
September 2012 - June 2016

- Part of the band program which further improved my social and music skills



## ACTIVITIES AND HOBBIES:

- Working as a member for the Formula Electric UWaterloo team
- Reading books
- Web Design
- Drawing and designing
- Playing and watching Hockey
- Staying physically active