**Abhi Gandhi**

647-678-5411 (c)| 905-209-0906 | 27 Douglas Haig Dr. Markham, ON. L3S 2C8

abhicgandhi@gmail.com

## **Hard Skills**

* **Solidworks**
* **FMEA**
* **Occupational Health and Safety**
* **WHMIS**
* **Microsoft Office**
* **Schedule Maintenance**
* **Engineering Understanding**

## **Soft Skills**

* **Time Management**
* **Organized**
* **Fast Learner**
* **Passionate**
* **Flexible**
* **Patient**
* **Communication**

**Programming Knowledge (Basic)**

* **Arduino**
* **C**
* **Python**
* **RAPL-3**

**Valid G Driver’s Licence**

**Objective**

To secure a challenging positionwhere skills acquired from previous work and volunteering experiences will be an asset to the company’s success and to gain new learning experiences that will maximize potential

**Education**

**Bachelor of Engineering**, Mechanical Engineering, University of Guelph, Guelph, ON, September 2015 – April 2018

* Accredited Engineering Program
* Electives such as Economics, Engineering Economics and **Optimization**
* **Occupational Health and Safety** training which teaches industrial safety/ethical standards for engineers

**Work Experience**

**Quality engineering student** *Signature Aluminum, Pickering, Ontario - May – August 2018*

* Assessing flagged aluminum; ensuring quality is within tolerance and customer requirements
* **Programming** Measuring Systems to customer standards
* Assist Director of Quality with **Failure Mode and Effects Analysis** reports
* **Design** plug gauges on Solidworks (CAD)
* **Develop** procedure manuals for union workers and help **manage** temporary workers

**SAles Support** *Canadian Tire, Markham, Ontario - May – August 2016*

* **Managing time** and **prioritizing** to ensure all tasks are completed in a timely order
* Ensure there is an abundance of basic customer supplies in the store
* Portrayed **communication skills** while assisting customers
* Carry out all supporting physical tasks will multiple departments
* Displayed **flexibility** through always responding promptly on radio for help

**Relevant Assignments**

**Cube Satelitte (Captstone design)** *University of Guelph, September 2018 -April 2019*

* **Design** and **construct** a prototype which has the potential of executing a singular task in space with an operational PID system
* **Self-starter and learned** to use new equipment such as laser cutter, 3-D printer and plasma cutter
* **Developed** CAD drawing, daily plans and project timelines

**solar retrofit on alumni stadium** *University of Guelph, January 2018 -April 2019*

* Completely design a theoretical solar system for alumni stadium at University of Guelph
* **Apply engineering knowledge** to ensure modules are investment worthy and safe
* Carry out role of **project manager** which includes **time + money management and assess investment risks**

**Other Experience**

**Kids soccer coach** *Rouge River Soccer Club, Scarborough, June 2018 – Present*

* Taught children aged 5 – 7 basic soccer skills, plays and learning to play as a team
* Create teaching plans for 5 and 6-year-old children

**CO-Owner/tutor** *Liver2LEARN, Markham – December 2018*

* Tutoring high-school kids in math, physics and chemistry
* Children displayed improvement when guided

**Guelph hyperloop** *University of Guelph, October 2017 -April 2019*

* Assisted Electrical team research and material search