

Stuart Chirrey



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PORTFOLIO | <https://stuartmichaelchirrey.com>



CAREER OBJECTIVE

Gain practical experience in line with my education through a Co-Op placement to apply my knowledge and expand my network and opportunities.



PROFESSIONAL EXPERIENCE

DMX Plastics, Brampton, ON

Industrial Production Maintenance, Jan 2019-May 2019

- Customizing line machinery for new product production specifications, wiring electrical panels, assembling water pump with heat exchanger systems, set up and testing of pneumatic systems.
- Production machinery tooling change over and maintenance.
- Welding support frames for machinery.

Century Stone Construction, Toronto, ON

Mason, May 2017-Oct 2018

- Designed stone projects to meet clients' specifications.
- Completed natural stone landscaping and pool surround projects.

AB Renovations, Toronto, ON

General Contractor, June 2015 - May 2017

- Installed drywall, framing and painting of commercial real estate project.
- Established working relationships with various trades to prioritize project timelines.

Truck Technologies, Milton, ON

Truck Mechanic / Technician, Oct 2013 – Sept 2015

- Assisted in design, rapid prototyping, manufacturing and testing of industrial tire changing machine
- Prepared technical drawings using AutoCAD and Creo.
- Completed maintenance on coach trucks including oil changes, brakes, greasing and lubrication, tire rotation & alignment.



EDUCATION

McMaster University, Hamilton, ON

Bachelor of Manufacturing Technology, GPA 10.9/12, May 2019 - Present

George Brown College, Toronto, ON

Mechanical Engineering Design Diploma, GPA 3.90/4.0, May 2018

Honors: 1st place in final year capstone project– Designed and manufactured innovative solution for canine prosthetic to meet specifications of industry partner.

Relevant Post-Secondary Courses: Pneumatic PLC Ladder Logic Design, Electric Circuit Analysis, Calculus, Statics and Dynamics, Thermodynamics, Fluid Mechanics, Computer Software Coding, , Machining Operations, CNC CAM Design, 3D Modelling, Jig and Fixture Design, Quality Control and Assurance, Engineering Economics, Project Management

SKILLS

Problem Solver

Tolerant & Flexible

Innovative

Initiative

Teamwork

Proficient in: Solid Works, Creo, ProEng, AutoCAD, PLC Ladder Logic, Mastercam G-code, Minitab, and Microsoft Office Suite

CERTIFICATIONS

Fall Arrest Certification
(2019)

Aerial Work Platform Certification
(2019)

WHMIS Certificate
(2015)

REFERENCES

Steve Sennik

Owner of DMX Plastics

(416) 565-8678

Scott Collins

Owner of Century Stone

(647) 618-6262

Brian D'Souza

Owner of AB Renovations

(416) 809-5025