Jordan Taylor

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Education

Mechanical Technician - Precision Skills — September 2020 – April 2022

Georgian College, Barrie ON

- Graduated With Honours And Deans List All Semesters

Relevant Projects — March 2021

- Mill Vise
  - Machined all necessary components for the vice using various machining methods such as fly cutting, drilling, tapping and reaming.
  - Ensured all dimensions were within tolerance.
  - Worked on the lathe to machine the necessary dimensions and threading per drawing specifications.
  - Grinded all surfaces to finish.

- Paper weight Cannon — January 2019
  - Designed and programmed parts for a paper weight cannon
  - Machined a custom-made tracer on a lathe to create the body and main features.
  - Programmed a CNC toolpath to cut out the main body for the base as well as the wheels for the cannon
  - Finished off cannon base with an engraving of my name.

Relevant Courses

- CAD CAM Design
  - Demonstrated exceptional understanding by achieving a final grade of 95%
  - Showed initiative in learning many different functions and applications of the program designing models.
  - Emulated the technical drawing provided to reconstruct a product.

- CNC Applications
  - Expressed comprehension by achieving a final grade of 95%
  - Was introduced to Mastercam, Haas mills and Haas lathes.
  - Instructed on Mastercam's interface designing products from a blueprint as well as programming G-Code to be ran on Haas machines to create a product.
  - Operated on Hass mills and lathes creating parts manually inputting code to create a final product.

- Advanced Machine Tool Applications
  - Conveyed a good understanding by achieving a final grade of 85%
  - Worked inside of a manual shop to construct parts based on given drawing, which included the material, dimensions and the tolerances of the parts.
  - Performed on manual lathes and mills to create a Mill vise and Sin Bar.

AWARDS

Certificate Of Participation — 2022

- Recognized for all participants of the 2022 Skills Competition for CNC machining.

Specialist High Skills Major Red Seal — 2019

- Recognized for students who participated in the Specialist High Skills Major for metal working.

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Work Experience

DB Custom Tool — September 2022 – Present

CNC Machinist Apprentice

- Managed full machine setup for CNC Lathe for tools, tool holders, offsets, adjusting G-Code and full run through of part and brining parts to final dimensions stated on blueprint.
- Aided in all Measurements tasks using Micrometers, Dial Calipers, Surface Testers, Diameter Gauge, Height Gauges and FARO Measurement Arm.
- Aided in the moving of material around the shop well as final packing stages for all products. Along with doing final inspection of parts and all necessary paperwork associated to the Order.

Brotech Precision CNC Inc. — May 2021 – August 2021

Machinist

- Managed a CNC lathe running a multi chuck setup with two programs where one side was bored out and other side was sanding the inside of the part. Followed by swapping part to the next operation then checking with a go and no go gauge to measure if it was in tolerance and adjusting as needed.
- Aided in mass production of parts working from start to finish and checking all parts were in tolerance and ready to be shipped to customer.
- Assisted in the cutting of stock at the saw as well as helping bend and sand unusable stock to within tolerance with a gauge and sanding away any imperfections making sure the OD is in tolerance with a micrometer.

Volunteer Experience

- Hockey Fest Game On Coach — May 2019 – June 2019
  Coached and instructed groups of young adults in ball hockey skills and interacted with the parents.
- Major League Ultimate Score Keeper — May 2016 – June 2016
  Supervised multiple games ensuring proper play and game management was keep to standard of the tournament.

SPECIAL SKILLS

Technical Skills

- Proficient in.
  - Mastercam
  - Inventor
  - Blueprint Reading
  - Precise Measuring
  - Machine Setup
  - Machine Operation

References available upon request