

LEWIS M

OBJECTIVE

Experienced Mechanical Engineer looking to obtain a full-time position with in your company.

SKILLS

- CNC operating, set-up and programming
- Experience with HAAS and Mazak milling machine, and Fanuc controls
- Manual machines include surface grinders, cylindrical grinding, lathes and milling
- Read and interpret detailed engineering drawings to determine required specifications
- Manufacturing and inspection procedures of strict quality standards using precision gauges and instruments
- Maintains a clean work area and observes all safety procedures
- Executes machine offsets and tool changes when necessary
- Skilled in AutoCAD & SOLIDWORKS – Convert 2D to 3D drawings
- Ability to create 2D and 3D programs within Mastercam 2018
- Dimensional skills understanding of standard blue prints and geometric dimensions and tolerances (GD&T)

WORK EXPERIENCE

(Contract)

11/2019- 02/2020

CNC MACHINIST, DOORLAND, VAUGHAN, ON

- Develop application and programs using CAD/CAM
- Manually search and edited CNC programs
- Created programs to machine Door jambs and hinges
- Set-up and operate CNC multi-axis milling machining centers with KVAL controls
- Listen to machines during operation to detect sounds such as those made by dull cutting tools or excessive vibration and adjust machines to compensate for problems
- Adjust machine feed and speed, change cutting tools

(Contract)

02/2018-11/2019

MECHANICAL DESIGNER, ALVAR INC, TORONTO, ON

- Produce 3D Models and drawings for new and existing designs
- Assist machine shop with drawings as necessary
- Convert hand sketches to workable drawings for manufacturing
- Worked with AUTOCAD 2018 within 2D designs
- Prepare product layout and approval drawings
- Prepare component manufacturing drawings for production
- Used SOLIDWORKS 2017 to generate 3D drawings

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| 10/2015-12/2017 | CNC MILL MACHINIST, SAMCO, TORONTO, ON |
| | <ul style="list-style-type: none">• Read process sheets, blueprints and/or sketches of parts to determine final product• Review specifications to determine set up procedure, machining sequence and dimensions of finished product• Set up and operate Conventional/CNC Milling HAAS machine• Transfer commands from servers to computer numerical control (CNC) modules, using computer network links• Worked with Mastercam 2017 creating programs• Understand cutter compensation and can make the correct offset adjustment to ensure a quality part |
| 08/2014-10/2015 | CNC OPERATOR, E.J INDUSTRIES LTD, AJAX, ON |
| | <ul style="list-style-type: none">• Measure dimensions of finished workpieces to ensure conformance to specifications, using precision measuring instruments, templates, and fixtures• Mount, install, align, and secure tools, attachments, fixtures, and workpieces on machines, using hand tools and precision measuring instruments• Review program specifications or blueprints to determine and set machine operations and sequencing, finished workpiece dimensions, or numerical control sequences |

EDUCATION

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| 2011- 2014 | MECHANICAL ENGINEERING TECHNOLOGY & DESIGN, Toronto, CENTENNIAL COLLEGE |
| 2008- 2010 | CNC PROGRAMMING TECHNICIAN, Toronto, SENECA COLLEGE |

CERTIFICATION

- OCEATT - The Ontario Association of Certified Engineering Technicians and Technologists