

Michael winter

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For lathes I have ran and programmed the following

-Doosan Daewoo 4th axis puma 2000sy with a FANUC series 18i-TB

-haas sl20

-victor cnc tns-2h

-Kia skt21lms with a FANUC series ok-tc

-mazak

For mills I have ran and programmed the following

-Haas vf0,vf2,vf2 super, vf3ss,mini mill

-okk

-hurco

-mazak

-milltronics

-fadal vmc4020 cnc88hs

-Breton

-accurite

-kitamura

Plasma/ laser table

- Cincinnati

-Triumph

I have programmed and ran a waterjet and many manual mills and lathes such as hardinge, Bridgeport,Lagun, accurite, and jet.

Work Experience

CNC Machinist/Programmer/ automation assembly

R&D Engineering - Brooklyn Park, MN

February 2019 to Present

Program 3,4, and 5 axis machines with mastercam, g and m code, and conversational programming. Assemble automation machines according to prints and make modifications as necessary. Machine parts for automation machines, custom tooling, tips, dies, and customer parts.

CNC Machinist and Programmer

Medfab - Lakeville, MN

April 2017 to Present

Program g and m code manually and using solid works and mastercam. Complete set ups from start to finish efficiently. Inspect parts using calipers, micrometers, gage pins, cmm, keyonce and vision inspection equipment. Tolerances of +/- .0002 of an inch.

CNC Machinist/Programmer

Laveen machine and engineering, Inc. - Burnsville, MN
December 2016 to April 2017

Program, set up and run Mazak, Hurco and Okk vertical machining centers as well as Mazak lathe. Tight tolerances +/- .001, +/- .0005 typical. Mostly make prototype parts for aerospace and medical fields.

Tool and Die Maker

LSI - Lesueur, mn
January 2014 to December 2016

Design, build and repairs dies, jigs, measurement tools and machining fixtures, necessary to support the manufacturing operations.

Duties:

Study sample parts, blueprints, drawings, and engineering information to determine methods and sequence of operations to fabricate product.
Utilize CAD/CAM software to generate numerical control programs for the operation of mills and lathes.

Calculate and set controls to regulate machining, or enter commands to retrieve, input, or edit computerized machine control media.

Fabricate, assemble, and modify tooling, such as jigs, fixtures, templates, and molds or dies to produce parts and assemblies.

Plan the set up and operation of all types of machine shop tools, considering types of material, tolerances, types of cutting tools, coolants, lubricants, and machine tool feeds and speeds.

Use precision measuring instruments such as micrometers, calipers, depth micrometers and gage tools.

Repair tools, dies, fixtures and core boxes to specification of work instructions.

Distinguish minute differences in materials, machine adjustments and repair techniques.

Perform special heat treat functions of tool steel.

Ensure work is properly done and mold is in operable condition before it is released.

Clean, lubricate, and maintain machines, tools, and equipment to remove grease, rust, stains, and foreign matter.

Collaborate with Production and Quality Control to ensure that repairs are performed within specification and in a timely manner.

- 5s

Programmer/ cnc lead

Cambria - Belle Plaine, MN
January 2012 to January 2014

In this position I was responsible for generating CNC tool paths from customer CAD drawings and verifying and ensuring manufacturability of customer drawings.

I reviewed drawings based on Cambria CAD/Quality standards. -Program Waterjet and CNC tool paths from customer supplied data

-Communicate with customers

-Job folder creation

-Check drawing data for manufacturability prior to job release

-Keep work area clean and orderly

Laser Operator

AGCO Corporation - Jackson, MN

March 2010 to October 2011

- Perform typical laser cutting and welding operations
- Select and set up lenses based on material type and thickness, load programs and set machine parameters to ensure optimal performance of the equipment.
- Knowledge about shield gases used during laser cutting operation.
- Monitor fill level of bulk tank system and reorder as needed.
- Work in a fast paced environment with fast changing priorities.
- Work with automated storage system.
- Select proper cutting and welding programs, and proper fixtures.
- Establish proper stop location, adjust laser beam focal point.
- Make proper set-ups for cutting and welding operations.
- Perform prescribed maintenance as required.
- Perform all dimensional inspections.
- Detect and report defective materials or questionable conditions to the department supervisor.

Plastic Injection Mold Operator

Rolco - Kasota, MN

March 2010 to April 2011

- Set up and operate injection-molding machines to cast products from thermoplastic materials.
- Install dies on machine, according to work order specifications, using clamps, bolts, and handtools.
- Sets machine controls, regulating molding temperature, volume of plastic, molding pressure and time, according to knowledge of plastics and molding procedures.
- Mix plastic powders or pellets into hopper according to specs.
- Remove finished product from dies, using handtools.
- Trim excess material from part, using knife.
- Analyze and adjust thermoplastic materials and coloring pigments in mixing machine, according to formula.
- Grind scrap plastic into powder for reuse.

Car Wash Associate

Snell Auto Wash - Mankato, MN

April 2008 to June 2010

Maintain car wash, perform equipment inspections, safety handle chemicals, detail cars, provide excellent customer service.

Education

Associate in Computer integrated machining

South Central College - North Mankato, MN

2011 to 2013

Skills

- Cnc Mill
- Cnc Lathe

- CNC
- Mastercam
- Cnc Machine
- Mazatrol
- Aerospace
- Mazak
- Blueprint

Certifications and Licenses

Nims level 1 certified

Present

Skills in the metalworking industry are certified through the earning of NIMS credentials. The credentials are awarded on satisfactory completion of both performance tests and related theory exams.