

Justin Watkins

Tool Maker

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To obtain a position with a precision manufacturing company using the skills I've gained from school and the seven years I've been a tool maker. While honing my skills and gaining new skills from job related tasks and co-workers.

Work Experience

Tool Maker

Associated Thermoforming, Inc - Berthoud, CO

December 2014 to Present

Making new/repairing molds, fixtures, and other miscellaneous items needed to complete the part to customers needs. Programming using Mastercam 2019. Along with Production Support. Which may include trouble shooting CNC programs or set ups.

Horizontal CNC Mill Operator

Hutchinson Manufacturing, Inc - Hutchinson, MN

April 2012 to Present

Set up and running parts to meet customers needs and requirements

- > Editing programs when needed
- > Inspecting parts and making changes to meet print as required

Programmer/set up/ operator

Billet Tech, llc - Loveland, CO

March 2013 to December 2014

Responsibilities

Programming new parts and fixing old programs using Mastercam X5 or manually editing if needed.

Set up of milling center and a CNC Router. Inspect parts per costumers requirements.

Accomplishments

When I first started several parts were outsourced. Now we are making them in house. Saving money and delivery time to assembly. The CNC Router has a part made on it that uses a 90 degree head to cut features. I manually wrote the program because the cam software caused it to do things it shouldn't have.

Skills Used

My silliness to try new things. Attention to detail. My determination to get things done and done right.

CNC Programmer/operator

Integrity Tool, LLC - Lester Prairie, MN

October 2010 to April 2012

Programming Mold cavities in 3d using Camtool and Mastercam X5

- Squaring up Mud sets on surface grinders
- Making accurate replacement part for damaged molds
- Fitting molds for proper part detail and shut offs
- Polishing molds to get desired surface finishes on final parts

Lead Maintenance Technician

Intrawest Hospitalities - Winter Park, CO

June 2009 to October 2010

Training and helping Fraser Crossing Founders Pointe's maintenance manager get to know his buildings.

- Scheduling necessary work orders with contractors
- Supervision, scheduling, hiring and training of employees.
- Signing of weekly employee timesheets.
- Reporting necessary information to appropriate person(s), i.e. such as employee injury, guest damages or other issues.
- All items listed under Maintenance Technician.

Maintenance Technician

Intrawest Hospitalities - Winter Park, CO

August 2008 to May 2009

Drywall repair including painting, texture and patching.

- Pool maintenance including cleaning, chemical balancing.
- Key cutting.
- Trouble shooting items such as door locks, heating, cooling, electrical issues.
- Snow removal including shoveling, six wheeler with plow and skid steer.
- Customer relations with hotel guests to insure their needs are met.

Tool and Die Maker

Malco Tools, Inc - Annandale, MN

October 2003 to July 2008

Responsible for maintaining dies, jigs and fixtures.

- Designing and modifying jigs and fixtures.
- Drawing components for dies, jigs and fixtures in CAD/CAM.
- Machining parts using CAM.
- Maintenance on Hardinge cobra 42 Turning center.

Re-aligning Spindle and turret (tool changer).

Replacing belts and batteries.

Trouble shooting operator errors and helping to correct the problem.

- Haas VF5 Vertical Milling center .Operator/Programmer
- Strip-It turret Press Operator/Programmer
- Fanuc Wire EDM Operator/Programmer.

Punch Press Operator

Malco Tools, Inc - Annandale, MN

August 2003 to October 2003

Responsible for setting dies up in press.

- Inspecting parts.
- Minor problem solving of die issues.

Worked in construction, auto and small engine repair.

Additional Information

Qualifications

From October 2011 to April 2012, I have been working for Integrity Tool, LLC in the mold making industry, running CNC mills, surface grinders, programming mold detail using Mastercam X5 and Camtool cam software. Fitting mold components for proper clearance and shut off, making sure molded parts meet print and have no defects.

From August 2003 to July 2008, I was a tool and die maker with Malco Products, Inc. For them, I performed several tasks ranging from trouble shooting dies in the press, to writing CNC programs and drawing complex parts on CAD/CAM software.