

SHANE HERRMANN

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Objective

I am a dedicated individual with a great deal of ambition. I have 15 years of experience in the machining industry from manual lathes and mills to 5 Axis CNC Mills and CNC lathes with live tooling. I also have experience programming 3 to 5 axis mills and multi axis lathes with CAM/CAD software like Mastercam 2018. I'm well versed in GD&T as well and understand its value and necessity. I have a passion for learning and am always up for a challenge. I get along well with others, while also working efficiently on my own.

Work History

Stryker

5670 Greenwood Plaza Blvd
Greenwood Village, CO 80111
February 2022- Current

R&D Machinist
Programming With MasterCAM 2020
Prototype Development
Set Up and run Multi axis machine tools (Hass, Matsuura , Robo Drill)
Work with engineering department to create prototype and test equipment

Lockheed Martin

12257 S Wadsworth Blvd
Littleton, CO 80127
January 2020- January 2022

5 axis Programming with MasterCam 2017
Prototype development
Develop fixtures and work holding devices.
Set up and Run Prototype and some production parts on 5 Axis CNC
Continuous improvement
Process Development and improvement
Training of CNC Machinists/Programmers
Precision Inspection using Height gauges, Manual CMM, Vision systems, Sine plate and other various inspection equipment

Metro Machine

2191 W Amherst Ave
Englewood CO 80110
September 2018-January 2020

Programming with MasterCAM 2018 for 5th axis mills
Setup and operate CNC Mills 3-5 Axis
Inspection of machined parts
Develop work holding devices and fixtures.
Training of CNC Machinists
Machine Maintenance

Multisource

1363 Horizon Ave # 101
Lafayette, CO 80026
January 2018-July 2018

Programming using Mastercam 2018.
Setup and operate 3 and 4th axis Mills.
Inspection
Develop work holding devices and fixtures.

Intrex Aerospace

12777 Claude Ct.
Thornton Colorado 80241
March 2016-January 2018

Program 5th axis CNC mills
Set up 4th and 5th axis mills.
Inspection of machined parts
CMM Operation (manual)
Use of Tracer, Optical comparative, Sin plate, and surface plate setups for inspection.

Chandler Industries

10488 W Centennial Rd
Littleton CO 80127
January 2016-March 2016

CNC programming using MasterCAM

Complete Inspection and documentation for machined parts.
Perform inspection of machined components using various inspection methods. Ex: Optical comparator, thickness testers, calipers, micrometers
Set up 4th and 5th Axis mills.

Air Methods

7211 S Peoria St.
Englewood, CO 80112
September 2015-December 2015

Set up and operated HASS vertical and Horizontal Mills.
Perform inspection on machined components to ensure they conform to the print.
Make program edits and offset changes as needed.
Complete paperwork necessary to ensure traceability of material and machined components.

Primus Aerospace

938 Quail st
Lakewood CO 80215
May 2015- September 2015

Setup and operate CNC Lathes (Okuma,Hass)
Perform first article inspections to verify conformance of machine components.
Read and interpret blueprints including GD&T
Record data and ensure traceability of machined components.

Education

North central Technical College

1000 West Campus Drive
Wausau, WI 54401

January 2010 to 2013

Machine Tool Operation Technical Diploma (One Year)

Machine Tool Applications 3 and 4
Machine Tool Calculations
Geometric Dimension & Tolerancing
Advanced Blueprint Reading
CAD/CAM
Precision Inspection
Machine Tool Programming

Machine Tool Techniques Program (Two Year)

Machine Tool Applications 5 and 6
Industrial Materials and Applied Metallurgy
Intro to Welding
Intro to Lean Manufacturing
Applied Physics
Manufacturing Internship

Additional Training

- GD&T courses (5 total)
- MasterCAM Certification 2019
- MasterCAM 5 Axis Training 2020 and 2021
- Precision Inspection
- Manual CMM
- First AID