

# Dick Partney

Golden, CO 80401

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I have been in the trade for 16+ years or so and have become quite proficient in setting up, running and programming CNC lathes. I can create/edit programs at the control utilizing G&M-code, conversational programming, as well as drawing up parts in mastercam/fusion360. I'm current up to 2023 with mastercam & know how to send files to/and from machines, run a saw, use my personal tools to inspect parts to print spec, sweep up after myself and keep up in a fast-paced environment. Majority of my programming has been in the lathe department programming cradle to grave runs yet I am able to jump in wherever needed because I know there's always something to be done in a machine shop.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

## Work Experience

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### **Lead Lathe CNC Set-Up, Operate & Programmer**

ZIMMERMAN METALS - Denver, CO

January 2021 to August 2022

Experience with Lathe setup and program editing.

- Ability and willingness to load parts into the machine and make adjustments accurately and quickly.
- Basic knowledge of Geometric Dimension and Tolerance (GD&T) principals, print reading and mathematics
- Proficient with micrometers, calipers, test indicators, travel indicators and optical comparators.
- Ability to work independently and stay on task with little or no supervision.
- Check parts for quality and ensure that they conform to both engineer drawings and written detail requirements.
- Ability to effectively communicate with management and coworkers.
- Quality driven and detail-oriented individual with a strong work ethic.
- Team attitude willing to help the growth of other employees.

### **CNC Programmer and Machinist**

TECHNIQUES - Thornton, CO

March 2019 to January 2021

- CNC Live tooling programming.
- Create, revise and save programs per company standard.
- Based on complexity of design perform complete trial runs to determine the most efficient and effective means for producing the product.
- Knowledge of machines and tooling, including their designs, uses, repair, and maintenance.
- Experience w/ all inspection and power tools, including but not limited to hand tools.
- Ability to read shop floor drawings.
- Ability to work in both US and Metric systems.
- Good communication skills.

- Knowledge of arithmetic, algebra, geometry, and their applications.
- Knowledge of the structure and content of the English language.
- Ability to work in a fast-paced environment.
- Punctual.

### **Lathe department Lead & Programmer**

Zimmerman Metals - Denver, CO

December 2016 to March 2019

Up, Operate & Program

2011-2016

- Setting up, programming, and operating CNC mills and lathes.
- Interpreting mechanical drawings as to customer specifications.
- Communicating with the business owner, department Lead person or Programmer on process improvements and manufacturing needs (i.e. tooling).
- Loading and uploading CNC programs.
- Preparing material for the machines.
- Some minor hand deburring.
- Inspecting part features and holding part dimensions to customer requirements.
- Offsetting and adjusting machine parameters.
- Safe practices when setting up the machine to protect the equipment (using single block, optional stop and the distance to go functions of the machine).

### **CNC Operator & Set-up**

GET MANUFACTURING - Englewood, CO

March 2005 to November 2016

- Set up and Operate CNC Mills and Lathes with Fanuc Control.
- Reads detailed engineering drawings and interprets key dimensions, finishes, etc.
- Sets up jobs quickly and accurately, optimizing run times and when cycle time permits, they assist in deburring and shop upkeep.

## Education

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### **High school or equivalent**

Alameda High School - Lakewood, CO

May 1996 to 2000

## Skills

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- CNC (16+ years), Fadal (1 year), Part Design (7 years), Read drawings/prints (16+ years), Okuma(3 years), Programming CNC (9 years), Mastercam 2019 (3 year), Fusion360 (1 year), Aerospace (7 years), CNC Lathe, CNC Machine, CNC Mill, CNC Machines worked- Haas, Okuma, Fadal, Mori-Seiki, DMG NLX1500 (10+ years)
- Calipers
- Manufacturing
- Micrometer
- Algebra
- Geometry

- CNC
- Precision Measuring Instruments
- SolidWorks
- CAD
- CNC Programming
- Machining
- Quality Control
- Mechanical Knowledge
- English
- GD&T
- CNC lathe
- CAM programming
- CNC milling machine
- Problem-solving
- Flexibility
- Team Work
- Reliability
- Drafting
- Assembly
- Coordinate Measuring Machine
- Mechanical Engineering
- Quality Inspection
- Microsoft Excel
- Microsoft Outlook
- Communication skills
- Microsoft Office
- Microsoft Word
- 5S
- Computer operation
- Plastics injection molding
- Quality assurance
- Live tooling programming (10+ years)
- CNC laser cutting (6 years)
- IATF 16949:2016
- Blueprint Reading
- CAD
- AutoCAD
- Drafting
- SolidWorks
- Manufacturing

- GD&T
- Blueprint reading
- 5S
- CNC
- CNC programming
- Precision measuring instruments
- CNC lathe
- Customer service
- Hotel experience
- Typing
- Forklift
- Coordinate measuring machine
- Schematics
- Quality control
- Quality assurance
- CAM programming
- Assembly
- Plastics injection molding
- Construction

## Certifications and Licenses

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### **GD&T Certification**

Present