

Nickolas Barlow

Arvada, CO 80003

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720-840-2011

Highly skilled Machinist with 5+ years of experience operating advanced machinery, including Fadal 3-axis CNC Mills and Hermle 5-axis Mills. Bringing a wealth of experience in producing complex components to exact specifications. Adept at utilizing innovative machining techniques while striving for excellence in every project. Possessing a deep interest in CNC programming and an extensive understanding of manufacturing processes. Dedicated to optimizing production efficiency while maintaining high standards for accuracy and craftsmanship.

Work Experience

CNC Mill Machinist

Faustson Tool Corp - Arvada, CO

May 2023 to Present

- Established and operated Fadal 3-axis CNC mills and Hermle 5-axis mills for precise roughing and finishing operations, ensuring safety, quality and efficiency
- Implemented a meticulous approach to maintain material traceability by recording workpiece information, notably heat-lots, in 4+ visible locations to improve quality control and ensure strict compliance
- Execute routine maintenance tasks, including filling oil, maintaining coolant levels (including clearing swarf from tanks), ensuring sharp tooling, contributing to longevity and optimizing performance of machines, minimizing downtime
- Performed material loading, unloading, and chip disposal using forklifts, improving workflow efficiency by > 50%

Club Attendant

24 Hour Fitness - Arvada, CO

March 2022 to July 2023

- Conducted detailed daily inspections of club, organizing and prioritizing tasks to maximize customer impact while ensuring a clean and welcoming environment
- Utilized janitorial equipment to maintain the club, including treating wet areas with a pressure washer, contributing to a positive and hygienic customer experience
- Assisted maintenance technician with necessary repairs to boost club's operational functionality
- Provided attentive and respectful service to 350+ customers per day, fostering a positive atmosphere to enhance loyalty and business retention

Private Contractor

Instawork / Doordash / Amazon Flex/Etc. - Arvada, CO

May 2020 to July 2023

- Sought out and completed miscellaneous tasks, demonstrating a proactive approach to optimizing delivery operations and ensuring a superior customer experience

· Achieved 4.93/5 (98.6%) customer ratings, resulting from clear and open communication channels with customers, providing prompt and accurate, real-time updates on delivery status

CNC Machinist 2

Trelleborg Sealing Solutions - Louisville, CO
January 2021 to March 2022

- Conducted visual inspections on parts, identifying flaws such as contamination, burrs, and surface finish irregularities, resulting in a large reduction of defects and enhancing overall product quality
- Prepared materials for CNC operations, injection molders, circular saws, manual lathes, etc., reducing setup time by 8% overall
- Setup, maintained and operated various 2-axis CNC lathes, including Hardinge (Fanuc), Doosan, and Mazak
- Inspected parts using Zeiss CMMs, Keyence (and traditional) optical comparators, depth gauges, micrometers, etc.
- Trained and mentored 4 new operators to boost knowledge and promote project excellence

General Laborer

Dynamic Design and Manufacturing - Niwot, CO
March 2018 to April 2020

- Implemented efficient setup and maintenance procedures on C-Frame hydraulic press, resulting in a reduction in downtime and increased overall productivity by 110%
- Optimized processing and preparation of finished goods for shipment, enhancing accuracy and speed of order fulfillment
- Streamlined loading of stored goods onto trucks using forklifts and pallet jacks, contributing to a 15% reduction in loading times and ensuring timely deliveries
- Demonstrated versatility by running and inspecting parts on CNC mill when required, maintaining a high standard of product quality
- Played a key role in the training and development of 10+ new/temporary laborers, resulting in a relatively large increase in team proficiency and cohesion

Charley's Philly Steaks - Sandwich Artist | Chuck-E-Cheese - Assistant Manager | Smoker Friendly - Key Holder | Shell Gas Station - Cashier

2012 to 2018

Education

Standley Lake High School - Westminster, CO

Skills

- Calipers
- Micrometer
- CMM
- 2-axis CNC Lathe (Hardinge, Doosan, Mazak)
- 3-axis CNC Mills (Fadal, Robodrill)
- 5-axis CNC Mills (Hermle, DMG)

- Press-Forming
- Sheet Metal
(Stainless Steel, Aluminum, Titanium)
- PTFE
- PEEK
- C.U.I.
- ISO 9001
- Python
(Intermediate)
- JavaScript (Novice)
- C (Novice)
- GD&T
- Keyence
- Manual Optical Comparator
- Mastercam 2024 (Novice)
- OnShape (Intermediate)
- Fusion360 (Novice)
- CNC
- Machining
- Micrometer
- Calipers
- CNC lathe
- Manufacturing
- Outdoor work
- Tooling
- Math
- Geometry
- Organizational skills
- Mechanical knowledge
- Coordinate measuring machine
- Assembly
- ISO 9001
- Quality control
- Quality assurance
- CAM programming
- CNC milling machine

Certifications and Licenses

Forklift Certification

Driver's License