Derek Halvorsen

Machinist

Rockford, IL (815) 555-0158 derek.halvorsen@email.com linkedin.com/in/derekhalvorsen

SUMMARY

Machinist with 5 years in a job shop setting, including a 2-year apprenticeship, running CNC machines and manual equipment on short-run steel and aluminum work. Sets up jobs from blueprint reading and GD&T callouts, and verifies parts with precision measuring instruments to +/-0.0005 in. Works independently on 1-off repair parts and 500-piece production runs.

SKILLS

- **CNC Machines**
- **Manual Machining**
- **Blueprint Reading**
- **GD&T**
- **Precision Measuring Instruments**
- **Micrometers**
- **Calipers**
- **Trigonometry**
- **G-Code**
- **Problem-Solving Skills**

EXPERIENCE

Machinist

10/2023 - Present

Rock River Machine Works

Rockford, IL

Contract machine shop with 35 employees serving hydraulics, packaging and aerospace customers.

- Set up and operate Haas VF-4 mills and a Mazak lathe, running **12** to 15 new jobs a week.
- Interpret GD&T on customer prints and plan operation order, fixtures and tooling for each job.
- Verified 100% of first articles with micrometers, calipers, height gauges and pin gauges, with 0 customer rejects in 2025.
- Edit G-code offsets and feeds at the control, cutting cycle time 18% on a recurring manifold job.
- Troubleshot spindle alarms and worn way covers with maintenance, cutting unplanned downtime by 10 hours a month.

Machinist Apprentice

08/2021 - 09/2023

Belvidere Tool and Machine

Belvidere, IL

Tool and repair shop with manual and CNC departments.

- Completed 4,000 apprenticeship hours on Bridgeport mills, engine lathes and surface grinders.
- Calculated bolt circles, tapers and sine-bar setups with trigonometry for repair parts.
- Produced about 300 replacement parts for local plants from worn samples and sketches.

EDUCATION

Certificate

Rock Valley College

Machining Technology

Rockford, IL

05/2021

CERTIFICATES

NIMS Milling I 04/2022

National Institute for Metalworking Skills

NIMS Turning Between Centers 09/2022

National Institute for Metalworking Skills