



GEMMA GRANT

CNC Machinist II

Galesburg, IL 12345 | (309) 555-0111 | gemma.grant@example.com

PROFILE

NIMS Machining Level I certified CNC machinist with 6 years of experience operating Fanuc and Okuma OSP controls across milling and turning operations. Increased production output by 22.6% in a 14-station milling department by restructuring job sequencing and staggering load times on Fanuc-controlled vertical mills. Skilled in GD&T interpretation, CMM inspection, blueprint reading, and Mastercam, with hands-on experience maintaining tight tolerances on hardened tool steel and aluminum components.

KEY SKILLS

- Fanuc controls
- Okuma OSP controls
- GD&T interpretation
- Mastercam
- CMM inspection
- Blueprint reading
- Micrometers and calipers
- ISO 9001 quality systems
- 5S workplace organization
- Bore gauges and indicators

PROFESSIONAL EXPERIENCE

CNC Machinist II

Spoon River Precision Works, Galesburg, IL | 2023 - Present

- Increased production output by 22.6% across a 14-station milling department by restructuring job sequencing and staggering load times on Fanuc-controlled vertical mills.
- Held tolerances of 0.0008 in. on hardened tool-steel inserts, verified with micrometers and a CMM before releasing each lot of 130 parts.
- Operated 3 CNC machines simultaneously during second-shift runs, coordinating tool changes and in-process checks to keep all spindles cutting.
- Studied engineering drawings and conferred with CNC programmers to validate new G-code programs, catching offset errors before first-article runs on 47 jobs.

CNC Machinist

Knox Prairie Manufacturing, Knoxville, IL | 2021 - 2023

- Ran 2 CNC lathes simultaneously on a production line turning 6061 aluminum shafts, averaging 215 finished parts per 10-hour shift.
- Measured bore diameters with bore gauges and indicators on each lot and logged the results for quality review.
- Calculated dimensions and offsets from GD&T callouts on blueprints, selecting tooling and workholding for 38 unique part numbers each quarter.
- Performed independent setups and prove-outs on Okuma OSP lathes, completing first-article inspections in under 22 minutes per new job.

CNC Operator

Cedar Creek Machine Co., Peoria, IL | 2020 - 2021

- Operated a Fanuc-controlled 3-axis mill producing steel brackets, loading raw stock and monitoring cuts for 160 parts per shift.
- Measured finished dimensions with calipers and micrometers, documenting inspection results on 1,950 parts per month with zero lot rejections over 7 consecutive months.
- Assisted senior machinists with workholding fixture alignment and tool changes, reducing changeover idle time by 14 minutes per setup.

EDUCATION

AAS in Machine Tool Technology

Carl Sandburg College, Galesburg, IL | 2018 - 2020

CERTIFICATIONS

- NIMS Machining Level I: CNC Milling Operations, National Institute for Metalworking Skills, 2021