



Delia Young

CNC Programmer

Bringing 12 years of experience programming Mastercam toolpaths and operating Fanuc and Okuma OSP controls for multi-axis milling and CNC turning applications. Reduced machine downtime by 16.0% by building predictive maintenance intervals into production schedules and revising warm-up routines for Fanuc-controlled 4-axis mills. Generated \$54,300 in annual cost savings by consolidating redundant tooling across 43 active part programs and negotiating insert contracts based on usage data.

CONTACT INFORMATION



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McPherson, KS 12345

EDUCATION

AAS, Machining and Manufacturing Technology
Hutchinson Community College,
Hutchinson, KS
2012 - 2014

KEY SKILLS

- Mastercam
- Fanuc controls
- Okuma OSP controls
- GD&T
- ISO 9001
- G-code programming
- Blueprint reading
- CMM inspection
- Multi-axis milling
- CNC turning
- 5S

PROFESSIONAL EXPERIENCE

CNC Programmer | Smoky Hill Precision Manufacturing, McPherson, KS
2019 - Present

- Reduced machine downtime by 16.0% across a 12-machine floor by building predictive maintenance intervals into production schedules and revising warm-up routines for Fanuc-controlled 4-axis mills.
- Generated \$54,300 in annual cost savings by consolidating redundant tooling across 43 active part programs and negotiating insert contracts based on usage data.
- Wrote and proved out 37 new Mastercam programs per quarter for aerospace-grade stainless steel components, completing first-article inspections with a CMM within 35 minutes per job.
- Raised on-time delivery rate from 88.7% to 97.79% by restructuring program release priorities and coordinating fixture availability with 3 shift leads.

CNC Programmer | Cottonwood Creek Machine Works, Newton, KS
2016 - 2019

- Programmed toolpaths for 28 recurring part families in Mastercam, maintaining on-time delivery at 98.7% across 14 consecutive months of order fulfillment.
- Diagnosed spindle vibration issues on 2 Okuma OSP lathes and coordinated bearing replacements that cut unplanned downtime from 11 hours to 4 hours per month.
- Saved \$31,870 annually by reprogramming roughing passes with high-efficiency milling strategies that extended carbide insert life by an average of 46 parts per edge.
- Adjusted feeds, speeds, and depth-of-cut parameters for 4140 steel forgings, verifying finished dimensions with micrometers and bore gauges before lot release.

CNC Machinist | Walnut Valley Metal Fabrication, El Dorado, KS
2014 - 2016

- Set up and operated Fanuc-controlled 3-axis mills and lathes, machining 6061 aluminum housings and steel shafts for 19 unique part numbers per quarter.
- Diagnosed recurring tool deflection on a vertical mill and adjusted workholding clamp pressure, lowering unplanned machine stops from 7 to 3 per month.
- Fit and assembled precision ground inserts into modular boring bars, confirming alignment with indicators to within 0.0004 in. before production runs.