Gilbert R. Fisher, Jr.
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SKILLS SUMMARY

- PCDMIS CMM software programming
- Brown and Sharpe CMM operation
- Hexagon (ROMER) Absolute Arm CMM with Polyworks operation
- Solidworks parametric solid modeling and assemblies (I have examples of my work)
- RhinoCAD modeling, surfacing and solids
- CNC milling machine programming and setup
- Mastercam CAM programming
- Camax Manufacturing Expert and Cammand CAD/CAM
- AutoCAD Mechanical Desktop CAD
- SDRC I-DEAS CAD/CAM
- Sescoi WorkNC CAM

EDUCATION

Spring 2018 - Ferris State University, G.R. Tech. Center (Part time, evenings) - Working on Bachelor of Science Degree in Mechanical Engineering Technology. Online courses in Mechatronics Engineering from ASME Continuing Education Institute.

June 1993 - Grand Rapids Community College (Part time, evenings) - Associates Degree in Automated Manufacturing Technology.

Rogers high school, Wyoming Michigan.

WORK EXPERIENCE

Laser Access, LLC, 3691 Northridge Dr NW #10, Walker, MI 49544 Phone (616) 459-5496

2/21 to 11/21 -- CMM Programmer/operator. PCDMIS Software with Brown and Sharpe CMM. Solidworks solid modeling for CAD file creation.

Middleville Tool & Die Co., Inc., 1900 Patterson Ave. Middleville, MI 49333 Phone (269) 241-1056

1/04 to 7/20 -- CMM Programmer/operator. PCDMIS Software with Brown and Sharpe CMM. Solidworks solid modeling and RhinoCAD surfacing for CAD file creation.

Wayland Digitizing Plus, 858 S. Main Street, Wayland Michigan 49348-1323, (616) 792-1395

6/98 to 12/03 -- Manager of Wayland Digitizing Plus. CMM Programmer (PCDMIS Software). Also, overflow CAM programmer (Mastercam software). Solidworks for cad file creation

WORK EXPERIENCE (CONTINUED)

<u>Dynamic Technologies and Design, Inc.</u>, 4303 40th Street SE Grand Rapids Michigan 49512, (616) 554-3322

8/97 to 4/98 -- CAD/CAM Programmer (Camax Cammand Software) - Programmed 3-D surfaces and trim lines on precision fixtures and gages. Created surfaced models from wireframes if needed. Created sections, plots and detail prints for fixture builders.   Generated IGES CAD files for CMM operators.

<u>Unique Model, Inc.</u>, 2457 Waldorf Court N.E., Grand Rapids, Michigan 49504, (616) 791-0966

11/96 to 8/97 -- CAD/CAM Programmer/Operator (Camax Cammand Software) - Programmed and cut 3-D surfaces on precision fixtures and gages. Created surfaced models from wireframes if needed. Created sections, plots and detail prints for fixture builders. Generated IGES CAD files for CMM operators.

<u>Betz Pattern,</u> 2121 Bristol Avenue, Grand Rapids, MI 49504, (616) 453-4820

9/96 to 11/96 -- Short term contract position. CAD/CAM Programmer/Operator (Camax Cammand Software) - Programmed and cut 3-D surfaced patterns used in casting process. Operated Zimmerman mills with Heidenhain controls.

<u>Proto-Cam,</u> 1009 Ottawa Avenue, Grand Rapids, MI 49503, (616) 454-9810

4-96 to 8-96 -- CAD/CAM Project Engineer - Maintained Novell Network. Designed and surfaced 3-D parts on AutoCAD/Autosurf Versions 12 and 13 and programmed complex cutter paths on Sescoi WorkNC program. I updated communications between CAD/CAM computers and CNC mills and lathes on shop floor (Tube bending tooling industry).

<u>Lake</u> <u>Affect</u> <u>Tool,</u> 16702 150th Street, Spring Lake, MI 49456, (616) 847-0707

3-94 to 4-96 -- CAD/CAM Manager, System Administrator - Designed molds, gages and plastic parts on CAMAX CAD/CAM system. Programmed 3-D CNC tool paths on same system.