

Francisco Silva

CNC Programmer/Set-up Tech

Loveland, CO 80538

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To attain a position in which I may use and further enhance my machining skills in a team environment within a growing organization.

WORK EXPERIENCE

CNC Programmer/Set-up Tech

Associated Thermoforming Inc - 2014-11 - 2017-03

- Programmed and Set-up 5-Axis CNC Routers for machining of plastic.
- MasterCam 2017

Department supervisor

Associated Thermoforming Inc - 2015-08 - 2016-11

Manual Machinist, 5-Axis Router Operator and Programmer

Assist in the lay

Ability Composites - 2014-02 - 2014-10

February 2014-October 2014

- Program 3-axis programs with MasterCam X7 for production of composite components.
- Set-up and operate 5-axis router,
- Assist in the lay-up of composites as needed
- Operate manual equipment as needed.
- MIG welding on steel as needed

CNC Mill Operator/Manual Machinist

CBW Automation Fort Collins - 2013-07 - 2014-01

- Set-up and operate Haas 3-axis CNC Mill (VF-2, VF-3, and VF-4)
- Assist programmers in design of fixtures and programming parameters
- Assist supervisor with work flow through fabrication department
- Train new hires on CNC equipment and shop processes
- Operate manual equipment as necessary

Assistant Supervisor/CNC Mill Programmer/Manual Machinist

J & B Machining and Welding - Greeley, CO - 2010-04 - 2011-08

- Assistant supervisor; interacted with clientele, assisted in quoting jobs, ordering materials
- Manufacture components from various metals and plastics,
- Program and setup Fadal 3-axis CNC Mill with the aid of MasterCam 9.1
- Operate manual Bridgeport mill, Lathes, saws, drill press, etc.
- Inspect finished parts for dimensional accuracy.

CNC Mill Programmer/Machinist

Resource MFG - Loveland, CO - 2008-07 - 2010-03

- Manufacture components from Stainless Steel, Aluminum, CR 1018 & Titanium

- Program and setup Haas 3-axis CNC Mill with the aid of MasterCam 9.1
- Operate manual Bridgeport mill, drop saw, drill press.
- Inspect finished parts for dimensional accuracy.

Engineering Technician

Sunrise Medical - Longmont, CO - 1999-01 - 2007-10

- Created prototypes parts for manual and power wheelchair products and seating/positioning systems.
- Created and performed modifications to production tooling and fixtures.
- Inspected finished parts to assure dimensional accuracy.
- Worked closely with the Design Engineering Staff in the development of prototype designs to minimize costs, select materials and establish tolerances.
- Programming of Bridgeport E-Z Track mill with the aid of MasterCam 9.1,
- Designed and manufactured test fixtures.
- Assist in the assembly and maintenance of wheelchair test equipment.
- Worked with various materials including; aluminum, steel alloys and plastics.
- Reviewed and advised on engineering drawings.
- Performed various welding operations on aluminum and steel test fixtures.
- Extensive knowledge/experience with manual mill, lathe, drill press, and many types of pneumatic and power tools.

Machinist I

Elcom Incorporated - El Paso, TX - 1995-06 - 1998-05

- Translated Engineering Drawings to create EDM electrodes for Plastic Injection Mold dies and tooling, using AutoCAD - R13.
- Learned and used GDT (Geometric Dimensioning & Tolerance.)
- Operated and programmed CNC Milling machine, wire EDM machine, manual Lathe, and Milling machines.
- Worked with A2, H13 and stainless steel alloys, aluminum alloys, copper, graphite and various plastic/resin compounds.