

JACOB WELTZ
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SUMMARY

Extensive experience in manufacturing with concentration in aluminum and plastics with some experience with steel and stainless steel. High energy, creative, and passionate approach with proven results in dealing with detailed specifications for clients. Hard worker with good work ethic and always strives to produce a high-quality product. Willing to go above and beyond to ensure deadlines are met and generate expectations that exceed customers' requirements.

PROFESSIONAL EXPERIENCE

Harmony Metal Works, Laramie, WY (June 2012 – present)

Produce machined parts to meet a wide variety of specifications using materials ranging from aluminum, plastics, steel and stainless steel to meet customer expectations.

- Lead machinist responsible for setting up, running and monitoring CNC Mill and Lathe to create precision custom machine parts that meet or exceed client specifications that could have a tolerance of less than .001. Key activities include:
 - Setup process to insert the correct tools to run the required program based on specifications
 - Load materials for each program run after tool and program changes are updated
 - Input program code on CNC Lathe to create general material parts or prepare them for the work that is required in the next step (efficiency step)
 - Set tools for 4th-axis
- Manual Mill processes include:
 - Utilize manual mill to prepare materials to be loaded into the CNC Mill for programmed steps
 - Other activities include drilling holes, insert countersink and counterbore steps required to meet specifications
- Parts creation
 - Experience with programming in GIBBSCAM to produce parts as required.
 - Modified parts using SolidWorks to remedy issues client was experiencing with machined pieces

Parental Care Giver (June 2009 – April 2012)

Primary care giver for mother as she successfully battled cancer

Western Wyoming Community College – Science Lab, Rock Springs, WY (Aug 2008 – May 2009)

Prepared experiments for all chemistry classes

- Read experiments, gathered required chemicals and materials need for experiment
- Cleaned instruments, lab and ensured everything was in good working order

EDUCATION

Western Wyoming Community College, Rock Springs, WY
Majoring in Science
Aug 2007 – May 2009