**Precision Machining Resume Verbiage**

**Skills Bullets (pick 6 and place at the top of the resume template or create your own)**

* Excellent hand-eye coordination and attention to detail
* Programming knowledge, both CAD and CAM
* Excellent communication skills; work well alone or on a team
* Exceptional ability to multitask
* Full command over software and programming languages required to key up CNC machinery for specified automated functions
* Thorough understanding of geometric dimensioning and tolerancing and G and M Codes
* Known for ensuring quality and taking correctional measures accordingly
* Dexterous CNC expert with hands-on experience in blueprint specifications and accurate machine set up
* Able to read and interpret blueprints effectively
* Hands on experience in calculating and setting up machine controls according to production type
* Proficient in fine tuning of software to obtain desired quality of end product
* Utilize mechanical skills to maintain and repair machines
* Problem solving and troubleshooting abilities with a special focus on prevention
* Proficient in reading and interpreting blueprints and diagrams
* Exceptional knowledge of manufacturing procedures
* Skilled in axis CNC machining, tooling and fixtures
* Skilled in Wire EDM machining
* Ability to interface Solidworks model with CAD/CAM software

**Work Experience Bullets**

* Design, program, operate, troubleshoot, and maintain mass production machines
* Test prototypes of mass production machines
* Inspect and adjust cutting tools and work pieces
* Interpret technical drawings, manuals, and other instruction materials
* Calculate machine speed and feed ratios
* Measure and mark dimensions and reference points on material and work pieces
* Read gauges, dials, and other data indicators to ensure proper function of machines
* Mount, install, align and secure tools, attachments, fixtures, and work pieces
* Perform preventative maintenance on machines
* Implement safe and effective tool operating procedures
* Mentor and coach a team of employees and focus to enhance their work efficiency by x%
* Study work orders, sketches, drawing, and blueprints to determine dimensions and tolerances needed to be programmed into CNC machines
* Program CNC machines according to data derived from sketches and drawings
* Plan efficient order cycles for each job fed into the CNC machine
* Ascertain that the correct set of tools are chosen for each cycle and state
* Load parts, operate controls, set offsets and handle simple edits to ensure that conformance standards are met
* Detect equipment/machine malfunction and handle adjustments
* Ascertain that parts are fabricated properly and meet quality control standards
* Plan stock inventory by ensuring that available stock is sufficient and order additional materials for subsequent projects
* Maintain end product specifications by ensuring that drilling, grooving and cutting activities are handled according to set standards
* Perform preventative and regular maintenance work on CNC machines and related tools
* Detect malfunctions, troubleshoot processes, and adjust/reprogram controls to meet varying needs of the fabrication process
* Review and interpret electronic build documents for machining requirements
* Maintain required electronic build records and process logs, records, and reports
* Set up and operate engine lathes for turning, facing, drilling, boring and thread cutting to precision tolerances
* Maintain an organized, clean and safe work area