

## 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