1. Programmed work paths for both mills and lathes.
2. Checked completed programs by running simulations and tests while preparing geometric layout of designs using task-specific software.
3. Translated work orders and blueprints into machining parameters and plans.
4. Reviewed CNC designs for pre-production errors, eliminating design flaws to reduce raw material waste.
5. Designed work paths for custom projects, selecting appropriate parameters for speed, feed rates and tool selection.
6. Produced finished products at scales ranging from [Number] millimeters to [Number] meters.
7. Tailored CNC designs for use across numerous raw material types, including [Type] and [Type].
8. Applied accepted geometric dimension and tolerance (GD&T) standards to projects to maintain sound structural integrity.
9. Created precision CNC projects for clients in industries such as [Industry] and [Industry].
10. Provided training for clients on automated systems and complied with all safety rules and regulations.
11. Worked closely with clients to establish specifications and system designs.
12. Developed streamlined tool paths and fabrication methods to reduce production time of [Product or Service].
13. Designed projects within various CNC drafting software titles, including [Software] and [Software].
14. Created instructions for machinists and reviewed 3D CAD design blueprints.
15. Loaded feed mechanisms by lifting stock into position and verified settings by measuring positions.
16. Assisted in rollout of new job safety program, successfully reducing number of plant accidents by [Number]% annually.
17. Worked closely with highly skilled team of employees, encouraging development of top-notch collaboration and communication skills to promote achievement of group and business goals.
18. Analyzed job orders and performed necessary calculations while modifying existing programs for increased efficiency.
19. Kept work areas neat and organized by removing unneeded items and disposing of trash, consistently eliminating safety hazards and enhancing productivity.
20. Inspected finished products to verify compliance with production tolerances.