1. Designed budgets and cost estimates for projects with speed and accuracy while working closely with clients, drafters and employees to determine best courses of action.
2. Educated clients on more energy-efficient solutions for old systems that meet project requirements for timelines and budgets.
3. Developed automated [Equipment] for use on [Type] test systems.
4. Researched past [Type] and [Type] designs to maintain customer satisfaction and guarantee long-lasting, high-quality work.
5. Created, prototyped and tested [Type] systems for [Number] clients.
6. Established [Type] system, which promoted increased reliability and profitability.
7. Examined existing documents and blueprints to best update and maintain project records, resulting in [Result].
8. Assisted in development of [Type] testing systems, including automated [Type] equipment.
9. Designed new automated [Equipment] for [Type] test systems.
10. Surveyed potential project sites before design, checking for space restrictions, mechanical feasibility and manufacturers guidelines.
11. Created models, assemblies and drawings using Pro-Engineer, Pro-Sheetmetal, Pro-Process and Pro-Surface.
12. Drove reliability and profitability through introduction of [Type] system.
13. Used [Software] and [Software] to draft assemblies, models and other technical drawings.
14. Delegated tasks to entry-level engineers, closely monitoring work to monitor quality, maintain speed and exceed daily project goals.
15. Incorporated solutions that met various project challenges and adhered to environmental, packaging and vibration requirements.
16. Eliminated ineffective product line materials to resolve performance challenges and mitigate corrosion.
17. Tested newly installed systems using [Software] and [Tool], closely monitoring functionality and adherence to operating specifications.
18. Interpreted blueprints, technical drawings, schematics and computer-generated reports for new product development.
19. Reviewed designs and counseled [Type] clients on courses of action to remedy issues while staying under-budget and sticking to timelines.
20. Troubleshot and diagnosed [Type] equipment issues, quickly made plans for repairs and monitored use to rectify issues.