

Robert Smith

Lead Tool Designer

PERSONAL STATEMENT

Design Draftsman with over 30 years experience in manufacturing. Great organizational skills, adaptable and focused on quality work. Contributed to accurate design and maintenance of projects and libraries. Strong proficiency with MS Word-based software, 3D CAD/CAM systems, and SolidWorks. Adept at handling multiple projects simultaneously in an efficient and cost-effective manner.

WORK EXPERIENCE

Lead Tool Designer

ABC Corporation - 1981 - 1996

Responsibilities:

- Began gaining access to and seeing the benefits of latest tool materials and technologies.
- Given more freedom to request tooling to address machining issues.
- Responsible for drafting manually, then with CAD, tools, gages, and fixtures for manufacturing of all parts of aircraft reciprocating engines and turbine engines.
- Created and edited process instructions for manufacture and assembly of engine components.
- Created CNC programs and tool sheets for CNC machining centers.
- Designed, reviewed drawings of fixtures according to company standards.
- Ordered equipment for production; materials and tools for tool room.

Tool Designer

Delta Corporation - 1990 - 1995

Responsibilities:

- Part study with how to best use CNC machining and holding of parts to create parts to the dimensions and tolerances specified in print and part data.
- Successfully made machining fixtures and tools for such.
- Also made checking fixtures and CMM fixtures along with programming the CMM machine.
- Skills Used General machining and tooling knowledge.
- Computer repair.
- Design cold header tooling, trim dies, specialty cutters and dies for bolt manufacture using Pro-E.
- Developed over 150 tool designs requiring extensive knowledge of GD&T and material requirements for castings, forgings, and raw materials of .

Education

Diploma in Tool Design Technology - (Williamsport Area Community College - Williamsport, PA)

CONTACT DETAILS

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SKILLS

Wildfire & Windchill,
Unigraphics NX6,
AutoCAD.

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference - 1 (Company Name)
Reference - 2 (Company Name)