

ROBERT SMITH

Tool Designer I

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

SUMMARY

To obtain a position as Manufacturing Engineer in a manufacturing company. Creation of manufacturing processes, preparation of estimates for parts production and repair. Machine, Tool Design, Sheet Metal Design, 2D & 3D modeling, ANSI Y14, 5M (Geometric Tolerancing), Aerospace and Military Standards; FAA repair station, DER experience. Engineering, Tool Design for vanes and nozzles repair experience.

CORE COMPETENCIES

MS Office, Autocad, Revit, Navisworks.

PROFESSIONAL EXPERIENCE

Tool Designer I

ABC Corporation - January 2001 – August 2012

Key Deliverables:

- Achieved an ergonomic assembly fixture that the operator can safely position at any angle to perform engine assembly operations, saving time and increasing efficiency.
- Designed a roll around work table for assembly of the Small Pod Drive Unit that rotates the drive unit 180 degrees on a horizontal axis.
- Produced an assembly fixture that allows the operator to safely flip an 800 pound drive unit for assembly operations.
- Designed a 2 sided tombstone type CNC machining fixture for machining Bravo X gear case top cover that allowed the machining of 8 top covers at once.
- Reduced operators set up time.
- Designed a series of fixtures for the Drag Finish media sanding system.
- Designed fixtures for CNC machines, laser fixtures, EDM and water jet machines fixtures; created solid models, engineering drawings, performed reverse engineering of tooling for vanes and nozzles repair.

Tool Designer

Delta Corporation - 2000 – 2001

Key Deliverables:

- Lead, Designed and maintained accurate 3d CAD (Catia V4 and Catia V5) models using MBD & FT&A with complete BOM of the Assembly Jig for the Wing to .
- Read blue prints in order to fabricate large assemblies needed for the completion of trailers Used many types of tools, drills, press brakes, Hyd.
- sheers, routers, etc Built and Designed Tooling for new components to speed production.
- Designed plastic and die cast tooling for various HTD customers.

ROBERT SMITH

Tool Designer I

Phone: (0123)-456-789 | Email: info@qwikresume.com | Website: Qwikresume.com

- Left to return to Indiana when spouse died.
- Designed, detailed, and checked all types of broach and horizontal spline forming tools Projects started at part evaluation and ended at customer .
- Designed, detailed, and checked all types of broach tooling Extensive aircraft tooling experience, including Christmas tree and dovetail forms for .

EDUCATION

automotive, sheet metal design, Unigraphics - (General Motors University - Pontiac, MI)

