

# ROBERT SMITH

## Tool Designer II

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Designer with strong creative and cost reduction skills; recognized for consistently high quality and quantity of work, strong work ethic with unusual willingness to work effectively for long hours; highly adaptable. Ability to work independently and as part of a team.

**SEPTEMBER 2014 - OCTOBER 2015**

### **TOOL DESIGNER II - ABC CORPORATION**

- Designed a system to operate four concentricity gages from one drive.
- Designed an Adjustable Media Separation unit to fit into an existing machine.
- Modeled prototype of Unique Device Identification (UDI) module which included frame layout, cable and Hydraulic line routing.
- Designed multiply mounting features for camera, lights and cable carrier.
- Created Models, Assemblies, Details, Machined parts, Family tables, Change Notices and threaded parts.
- Created sheet metal anodize rack and oil pan.
- Participated in and passed 3 day GD&T course.

**2011 - 2014**

### **TOOL DESIGNER - DELTA CORPORATION**

- Work independently with limited supervision, consulting with Manufacturing Engineering, Design Engineering, Tool Room, Manufacturing, and Assembly .
- Per customer requirements I research, design and develop a broad range of tooling, gauging, machinery, and manufacturing systems.
- Working with outside vendors I research and procure all materials and components needed to complete projects to required specifications.
- Primarily using SolidWorks I create solid CAD models of parts and assemblies with detailed drawings, GD&T callouts, bill of materials, weight and .
- Contract Tool Des.
- Tooling Design for the A-500 Business Jet using Solid Edge CAD systems.
- San Antonio, Tx Contract Tool Des.

## **EDUCATION**

AAS in Mechanical - (National Electronic Technical School - Buffalo, NY)

## **SKILLS**

Industrial Design, Inventor, Autocad, Maching/Diemaking, Pro-E, Industrial Design, Machining/Diemaking, Machining/Diemaking.