

Robert Smith

Tool Designer

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SUMMARY

Machinist/Tool designer with 14 years of experience. Areas of expertise include making and designing tooling for the auto, weapon, aerospace, and medical manufacturers, as well as regrinding tooling for local machine shops. Knowledge of CAD and CAM software and understanding of most machines in machine shop setting.

SKILLS

Programmer, Designer.

WORK EXPERIENCE

Tool Designer

ABC Corporation - April 2004 – September 2012

- Produced layouts of equipment on the floor.
- Researched vendors for company projects as needed and worked closely with vendors.
- Assisted production with fulfillment of goals in an expedited manner.
- Prepared dimensional information packages for work orders of vanes and nozzles.
- Designed Railcar fixtures for tooling Railcars.
- Created Detail Assembly drawings and Part drawings.
- Interfaced with vendors as necessary to produce tooling fixtures for Railcar production.

Tool Designer

Delta Corporation - 2000 – 2004

- Designed new progressive dies and injection molds from part to print.
- Submitted complete print packages to the toolroom.
- Designed gages and assembly fixtures.
- Provided diagnostic support and engineering changes to existing tooling.
- Concept, design, and detail welding and machining fixtures for large, earth-moving components using 3D parametric software (currently Creo 2.0) - .
- Lead Designer for major tack-weld fixture (Caterpillar, Inc.
- Represented company at Caterpillar, Inc., Decatur as an in-house Tool Design Consultant.

EDUCATION

Physics And Math - 1971(Ball State University - Muncie, IN)