ROBERT SMITH

Contract Mechanical Designer

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Custodian at two different school districts. General custodial duties. Tool design in aircraft, assembly fixtures, machining fixtures, portable mechanical equipment, lay-up molds for composite parts. All work is done with Catia V4 or V5 3D modeling and 2D drawings. Mechanical design in automotive, brake parts, engine mounts, bushings, body mounts, crankshaft dampers, linear damper.

JULY 2013 – JANUARY 2014

CONTRACT MECHANICAL DESIGNER - ABC CORPORATION

- Designed small jigs and fixtures for R&D medical device product launch.
- Prepared drawings and BOMs in a timely fashion to current Covidien standards in preparation for ECO release.
- Designed new and re-engineered existing Web Handling Equipment.
- Reviewed & updated two-year-old SolidWorks files, prepared documentation (MS Word, BOMs) in preparation for FDA submittal.
- Designed automated packaging equipment for the pharmaceutical industries.
- Utilized robots, conveyors, air cylinders, stepper, and servo motors.
- Layout and design of support structures for U.P.S. packaging conveyor systems.

2008 – 2013

CONTRACT MECHANICAL DESIGNER - DELTA CORPORATION

- Designed small jigs and fixtures for R&D medical device product launch.
- Prepared drawings and BOMs in a timely fashion to current Covidien standards in preparation for ECO release.
- Designed new and re-engineered existing Web Handling Equipment.
- Reviewed & updated two-year-old SolidWorks files, prepared documentation (MS Word, BOMs) in preparation for FDA submittal.
- Designed automated packaging equipment for the pharmaceutical industries.
- Utilized robots, conveyors, air cylinders, stepper, and servo motors.
- Layout and design of support structures for U.P.S.

EDUCATION

Associates Degree in Technical Drafting and Tool Design - (Ferris State College - Grand Rapids, MI)

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SKILLS

Solidworks, ProEngineer/Creo, Mechanical Design.