

CAD DESIGNER

Skills

- Catia V5 Solidworks
- Inventor Pro-E Wildfire 4, Creo 2.0
- GD&T
- Production floor support
- Design for Manufacturability
- Supplier support

Professional Experience

April 2013

to

Current

Company Name City , State CAD Designer

- Team member in Engine Peripheral group 3D design and creation of 2D drawings using Creo 2.0 Process Engineering Change Notices in Teamcenter PDM and JD Edwards software Create complex models of engine intakes, exhausts, style covers, etc.
- using surfacing Hose routings of engine fluid systems Assembly prints Prototype build support Completed one week advanced surfacing training.

September 2007

to

March 2013

City , State Oshkosh Defense Senior Designer

- Team member in Armor and Survivability group 3D design and creation of 2D drawings using Catia V5, Pro Engineer Wildfire and Creo Process Engineering Change Notices in Smarteam PDM and JD Edwards software Utilized GD&T and carried out tolerance stack ups on complex weldments and assemblies Utilized Catia Kinematics work bench to create and prove out various mechanical assemblies such as four bar linkages, automotive latches, and control cables Worked extensively on M-ATV and FMTV truck program proposals Worked in two person design team to design FMTV truck cab shell Designed numerous after-market armor kits in production and fielded on military trucks Extensive experience supporting prototype builds and helping production floor launch new products Surface modeling of stamped sheet metal parts and plastic parts 3D modeling in large assemblies (complete trucks).

June 2006

to

August 2007

Company Name City , State Project Engineer/Technical Customer Service Representative

- Responsible for cradle to grave design of after-market and OEM motorcycle accessories Specialized in sheet metal and tubing products 3D design using Solidworks and Inventor 2D drawings using Solidworks , AutoCAD, and Inventor Responsible for hand fabrication of prototype parts using shop and production machines Responsible for design and fabrication of all production tooling and fixtures Responsible for finish requirements of parts such as polishing, chrome, powder coating, etc.
- Managed production employees during prototype and production stages of projects Traveled to trade shows to receive feedback on products and assist sales staff.

February 2006

to

May 2006

Company Name City , State Payroll Auditor

- Analyze and fix payroll errors for the Chicago Public School District.
- Use of various computer databases.

Education and Training

2005

Mount Mercy College City , State , USA Bachelor of Science : Mathematics Mathematics

2003

College of DuPage City , State , USA Associate of Science

Skills

3D design, 3D modeling, Assembly, AutoCAD, automotive, cables, Catia, databases, JD Edwards, market, mechanical, modeling, payroll, PDM, Pro-E, Pro Engineer, Process Engineering, proposals, sales, shell, Solidworks, trade shows