

Brian Romanchuk

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Objective

Position as a CAD Designer

Highlights of Qualifications

- Strong solid modeling skills
- Effective time management and multitasking skills
- Works well both independently and in a team environment

Professional Experience

Flexpak, Phoenix, AZ June 2004 - Present
Design Engineer

Responsible for working with customers to develop conceptual product designs. Designs soft tooling for creation of thermoformed prototype samples. Collaborates with manufacturing and quality departments to develop production tooling including forming, trim and stacking stations utilizing Pro/ENGINEER: Wildfire 2 CAD software.

TRW Automotive, Farmington Hills, MI April 1996 - April 2003
Senior Designer - Automotive Switch Components

Responsible for the development of 3D CAD Solid models and detailed 2D drawings of mainly plastic injection molded electromechanical switch components utilizing the CATIA v4 CAD software package. Works with design engineering to support design proposals and packaging studies for current and future programs. Facilitate the import/export of CAD data files for translation between CAD systems and for transfer to suppliers via FTP and email. Prepares STL files for rapid prototype parts. Support Configuration Management Department by releasing CAD models/drawings with the CATIA Data Manager (CDM) software. Identify problems with CATIA software and work with System Administrators to provide basic troubleshooting.

ITT Automotive, Auburn Hills, MI January 1993 - March 1996
Designer - Anti Lock Brake Systems

Heavy detailing and light 3D design of Anti-Lock brake system components (Hydraulic Control Units and Wheel Speed Sensors) utilizing CATIA and PDGS software packages.

Professional Training

CATIA v4: Basic 3D, Adv. Curves & Surfaces, Adv. Solids, CDM, and VPM
PDGS: Wireframe & Surface Concepts and Basic Surfacing
GD&T: ANSI Y14.5M-1982 and ASME Y14.5M-199

Continuing Education

GateWay Community College, Phoenix, AZ Fall 2003 - Spring 2004
Solid Design I: Pro/ENGINEER - Wildfire
Solid Design I: SolidWorks

Education

Macomb Community College, Warren, MI December 1993
Associate Degree in Applied Science: Graduated Summa Cum Laude
Major: Auto Body Design; Minor: Engineering Specialty and Computer Graphics
Minor: Engineering Specialty and Computer graphics