

ROBERT SMITH

Jr. Product Development Engineer

E-mail: info@qwikresumc.com

Phone: (0123)-456-789

SUMMARY

Mechanical engineering professional with experience in complex dynamic assemblies. Background and specialties lies in the automotive and motorsports industries and executive leadership. Interested in making significant contributions to the future of your company utilizing my engineering experience and leadership capabilities, while continuing to learn with the brightest minds in the industry.

SKILLS

SolidWorks, Pro-E, SmarTeam, Windchill, Limited SAP, Microsoft Office Programs.

WORK EXPERIENCE

Jr. Product Development Engineer

ABC Corporation - January 2005 – April 2009

- Lead and managed a new project for knee implants and instruments.
- System consisted of a standard bank of over 150 implants in addition to instruments specific to the system for various surgical techniques.
- Responsible for casting, machined, and catalog prints for femoral, tibial, insert, and patella components.
- Developed an Instrument Upgrade for the EPIK Uni-compartmental Knee including Verification, Validation, and Manufacturing Transfer, which allowed Encore to achieve a greater portion of the market share.
- Completed Manufacturer of Record Transfer for an acquired product line from OTI, including documentation and drafting transfers to incorporate into the Encore Quality System.
- Additionally, worked diligently to develop a set of special instruments for the acquired product line in order to retain one of the top volume surgeons in the company.
- Delegated drafting and documentation requests to drafters and co-op students based upon capability and resource constraints.

Product Development Engineer

ABC Corporation - 2000 – 2005

- Design and develop new product for truck and SUV vehicles.
- Develop 3-D cad model of parts using Solidworks.
- Develop prototypes using plasma cutter and worked closely with fabricator.
- Conduct product design validation and verification for production.
- Produce engineering drawings for fabricator and create bill of materials for manufacturing.
- Worked closely with overseas vendors on production manufacturing.
- Conducted finite element analysis on various trailer hitch classes per SAE J684, using Solidworks simulation..

SCHOLASTICS

- B.S. in Mechanics and Materials - (Texas A&M University - College Station, TX)