

Robert Smith

Senior Product Designer

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SUMMARY

Engineering & Design Professional - extensive experience in Manufacturing, Engineering, Automation, and Product Design. Expertise in Industrial Engineering, Manufacturing, Operations, Purchasing, Inventory, Quality, and Safety. work well within a team environment and have led many projects to completion while delivering them on time and under budget.

SKILLS

Microsoft Office, Pro/Engineer, Solidworks, Unigraphics/NX.

WORK EXPERIENCE

Senior Product Designer

ABC Corporation - November 2010 - January 2013

- Redesigned/Modified cab assembly to meet requirements for new school bus design.
- Designed and developed load-bearing structures to meet FMVSS 216 requirements for school buses.
- Designs developed using Design for Manufacture and Assembly (DFMA) Principles.
- Designed fiberglass exteriors for Cab assembly to meet industrial design requirements for class A surfaces.
- Built five proto-type school buses to validate and test designs.
- Developed manufacturing processes to leverage existing facility tooling more efficiently.
- Teamed with manufacturing group to develop tooling and production processes to meet line rate requirements.

Senior Product Designer

Delta Corporation - 2008 - 2010

- Assigned to work at Ford Motor Company Advance Concepts for new models for chassis, mechanical components, frames, exhaust systems and packaging.
- New Product/Jet development using Creo2 & Windchill.
- Designing new components and subsystems.
- Creating and releasing prototype and Production drawings using Windchill.
- Fixture & tooling design for manufacturing.
- Partner with product development and tech design teams so production delays are solved as quickly as possible and are kept to a minimum.
- Collaborate with product development team to ensure accurate information is communicated to vendors for sourcing.

EDUCATION

bachelor's In Mechanical Engineering - June 2014(University Of Wisconsin West Bend - West Bend, WI)