

JJ Helm

A Mechanical Designer with exceptional conceptual abilities and the manufacturing knowledge for production.

Mechanical Designer - Endisys Fluid Power - February 2016 to present

- designing of automated machinery that specializes in plural component heating, mixing and dispensing.
- Truck Upfitter of Long Line Striping Trucks that apply epoxy paint and reflective beads to roads while data logging mission critical information for state DOT's.
- Effective communication with shop and office personnel to manage production.
- Detailing of single parts to complex assemblies utilizing Solidworks CAD.
- Calculation and documentation of material stresses and safety factors used where catastrophic failure may occur.

Mechanical Designer - Imperial Wire - October 2014 to February 2016

- Custom part design & manufacturing of precision sheet metal components.
- Production manager of full scale store fixturing roll-out to major retailers.
- High comfort level communicating & presenting, to executive level clients.
- Utilization of ERP system for production scheduling and Client contact.

Sales & Design Manager - Indigo Signworks - September 2013 to October 2014

- Design and sales of custom outdoor signage.
- Insightful and energetic attitude that helped to generate new Clients and retain the current ones.
- High comfort level communicating to executive level clients.
- Utilization of CRM software to track prospects, generate sales and manage production timelines.

Mechanical & Graphic Designer - Scenic Sign - November 2012 to September 2013

- Design of custom signage based on detailed communication with sales staff.
- Calculation of wind loads and footing requirements as per state and local building codes.
- Programming of CNC flat bed router for aluminum profile cutting.
- Specifying of electrical components for proper UL manufacturing standards.
- Improved production efficiencies by implementing a detailed shop traveler.

Education

Dunwoody Technical College 1993

- AAS degree in Mechanical Design
- Student council president
- Developed an annual food shelf competition that generates tons of food every year.
- National Ski Patrol member and Asst. Patrol Director at local hill.

Software

Applied knowledge of both Microsoft and Apple operating systems with accomplished projects utilizing Autodesk Inventor, Solidworks, Vector works, Form Z, Adobe Photoshop, Adobe Illustrator, Excel, Power Point, Word and many others.

References upon request or visit my LinkedIn page and view my referrals.

A portfolio can be viewed at jjhelm.com

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