

MECHANICAL DESIGNER

Professional Profile

â€‹ Design Engineer with a proven track record of success. Offer excellence in analytical decision making and product innovation to drive business growth and collaboration.Â An articulate presenter with the ability to communicate technical information in a clear and concise manner.

â€‹

Enthusiastic and driven design engineer with diverse experience across project life cycle, including research and development, manufacturing, and project leadership.Â A strong conceptual thinker with the ability to align teams to achieve strategic business objectives.

â€‹

Technically-savvy design engineer experienced in the research, development, design and manufacturing of various product types . Qualifications including certifications in Machine Operation & Programming (CNC Laser/Punch) , expertise in Autodesk Inventor, Autocad and a working knowledge of Solidworks and comprehensive knowledge of Lean Manufacturing principles.

Graduate with anÂ Associates Of Applied Science Degree in Computer Aided Drafting & DesignÂ seeking a challenging opportunity in process design, development, and support. Self-motivated and committed to improving environmental, health and safety conditions while driving productivity and efficiency.

Qualifications

- Rapid prototyping
- 3D modeling (Autodesk Inventor/Solidworks)
- Microsoft office proficientÂ
- Team player
- Self-motivated
- Communication skills
- Creative thinking

Experience

Mechanical Designer 10/2011 to 01/2017 Company Name City , State

- Design Ammonia Processing Control Units using Autodesk Inventor.
- Create working drawings for the shop floor.
- Check and update/advise changes to the P&ID as needed.
- Consult project managers on design changes.Â
- Solve problems on shop floor.
- 5+ experience in CAD modeling.
- Assisted with design of engineering projects, including products, parts and components.
- Read and interpreted blueprints and created engineering drawings and sketches.
- Sketched outline designs and used CAD programs to create detailed design and specifications.
- Consulted with development engineers on new products technologies.
- Researched suppliers of raw materials and finished goods and collaborated with purchasing department to obtain samples for process validation and functionality.
- Attended cross-functional product meetings to discuss parts sourcing, lead times and production schedules.
- Managed continuous improvement projects in alignment with category strategies.

AutoCAD Drafter and Lathe Operator 06/2010 to 10/2010 Company Name City , State

- Reverse engineered parts to create fabrication drawings.
- Kept drawings current and up to date.
- Manufactured parts on companies lathe.Â
- Polish parts to insure they are free from Blemishes.
- Clean Parts to insure they are free of dirt and particles to be Vacuum Packed for shipping.
- Read and interpreted blueprints and created engineering drawings and sketches.
- Sketched outline designs and used CAD programs to create detailed design and specifications.

NC Programmer/Administrative Assistant 07/2000 to 04/2010 Company Name City , State

- Programmed parts using CNC software.
- Opened work orders for shop floor.
- Printed drawings for associated work orders.
- Performed price quotes for outside work
- Ran CNC machines when needed.

Laser Operator 07/1998 to 07/2000 Company Name City , State

- Ran all CNC programs on Trumpf Trumatic L260 Punch/Laser and L4030 laser .
- Maintenance upkeep on the machines in excellent working condition.

Shear Operator 03/1998 to 07/1998 Company Name City , State

- Cut sheet metal blanks to size according to job requirements.

Polisher 05/1997 to 03/1998 Company Name City , State

- Deburred all parts of sharp edges

- Deburred all parts of sharp edges.

Parts Sales/Commercial Sales Account Manager 02/1987 to 02/1997 Company Name City , State

- Opened and closed the store for business.
- Maintained the store safe.
- Kept stores parts inventory up to date and accurate.
- Stores commercial sales manager.

Education

Associates of Applied Science : Computer Drafting and Design September 2011 ITT Technical Institute City , State Computer Drafting and Design 3.88

Certificates : Trumpf Operator Course February 25, 2000 Trumpf Inc City , State Trumpf Laser Operator Course, June 18, 1999. Rotolas Training Course February 25, 2000

Aviation Maintenance in Airframe and Power Plant where I : Power Plant Delgado Community College City , State 2.83 3.17 Power Plant

Certificates : SolidWorks City , State

Advanced Custom Training Certification (MLC CAD SYSTEMS)Â

â€œ

Certificate : Productivity Enhancement City , State Lotus Notes Productivity Enhancement

Copies of Certificates available upon request

Skills

Autodesk (AutoCAD Mechanical, Inventor, Etc.), Client/Server, Closing, Communication Skills, CNC, customer support, Drafting, Engineer, Instruction, Inventory, Laser, Lathe, Linux, Lotus Notes, Mapics, Materials, Mechanical, Microsoft Office, Windows Operating Systems, PDM, Personnel, Polish, Processes, Programming, Project Management, Red Hat, Revit, Sales, Shipping, Â SolidWorks, Technical Management, User Training,Â