

ENTRY / MID-LEVEL MECHANICAL DESIGN ENGINEER / ROBOTIC SYSTEMS

AUTOMATION DIVISION
DAYTON, OHIO 45402

Gosiger, Inc., one of the nation's largest machine tool distributors, is a third-generation, family-owned business, founded in 1922 and headquartered in Dayton, Ohio. With over 425 employees in 12 offices Gosiger, Inc. provides sales, engineering, parts and service support services for high precision CNC machine tools including Okuma and Hardinge in 13 states.

Gosiger Automation, LLC, also headquartered in Dayton, Ohio offers robotic automation solutions for Okuma and Hardinge machine tools throughout North America. Gosiger Automation integrates Fanuc, ABB and Kuka robots with machine tools and other peripheral equipment to create custom automated parts production systems. Gosiger Automation currently has an opening for two Robotic Technicians.

This entry to mid-level position in Design Engineering involves designing mechanical components for robotic automation cells. As a mechanical designer the incumbent will create sketches, illustrations, detail drawings and 3D models under supervision of senior engineers. Incumbent will be involved in all phases of the automation process from pre-sale concept drawings to final project implementation. The person for this job is expected to take on more responsibility as time progresses, with a goal of completing projects from start to finish with minimal supervision.

RESPONSIBILITIES INCLUDE:

Pre-Sale team member roles include creation of system design and layout concept drawings.

Post-Sale team roles include the timely definition, design and procurement of mechanical components and hardware required for the timely completion of projects.

Primary mechanical design roles are outlined as:

Formal Design:

- Assemble pertinent facts and design performance criteria.
- Contact customers and/or suppliers for pertinent design information.
- Create and update solid models, detail drawings and engineering change orders.
- Complete detailed designs.
- Interact with all team members including but not limited to sales engineers, controls engineers and assembly team.
- Define and procure cost-effective purchased components and fabricated details.

Mechanical Materials Procurement:

- Quote and procure purchased components.
- Bid and procure fabrications and machined details.
- Issue purchase orders, coordinate/expedite deliveries of purchased mechanical items.
- Coordinate/assist the assembly of mechanical hardware and assemblies.
- Troubleshoot performance issues.
- Finalize "as built" documentation.

Other Aspects:

- Support long-term resolution of field-service issues.
- Provide on-site field service support as required.
- Maintain division records and files in an orderly manner.

ESSENTIAL QUALIFICATIONS:

Two-year mechanical engineering technology and/or mechanical engineering degree required, four-year degree preferred.

One year minimum of personal, hands-on experience in a mechanical engineering environment:

- Product design using AutoCAD and 3D software.
- Working knowledge of cost-effective alternative machining and fabrication processes.
- Working knowledge of GD&T (Geometric Dimensioning and Tolerance).

Personal characteristics required include:

- Excellent Personal/Interpersonal communication skills.
- Ability to multi-task and set personal priorities.
- Initiative and a personal commitment to setting and meeting deadlines.
- Consciousness, thoroughness and accuracy.
- Ability to travel nationwide on short notice, up to 25% travel.

Desirable experience and qualifications:

- Experience in tool, die and fixture design.
- Machine tool set up and operation.
- Industrial robots.
- CNC machine tools and cutting equipment.

We offer a competitive compensation package commensurate with experience and education, and an excellent benefit package.