



Job Posting

Mechanical Engineer (Senior Designer)

Job Type: Full Time

Rate: Hourly + 1.5x Overtime

** Rate is commensurate with experience*

Education

- BS in Mechanical Engineering or Equivalent Work Experience

Job Description

The essential job functions for this position are:

- Assist with determining project scope based on customer requirements
- Travel to customer facility to perform field checks and for engineering reviews
- Write specifications as required for project
- Work with purchasing staff to order project materials
- Determine mechanical, structural, and pneumatic designs based on project requirements
- Use CAD software to create drawing packages for project designs
- Create bill of materials for each mechanical assembly
- Assist quoting staff with determining requirements and costs for potential projects
- Support shop and field technicians to ensure that equipment is installed correctly
- Update drawings based on "as built" markups from field personnel

Minimum Qualifications

Candidates for this position must possess all of the following qualifications:

- Experience in mechanical, structural, and pneumatic designs for robotic automation systems (FANUC, ABB, and/or Kawasaki robots)
- Proficiency creating 2D drawings using AutoCad
- Excellent oral and written communications
- Willingness to travel occasionally
- Adept at using Microsoft Office products (Outlook, Word, Excel, etc.)
- Attention to detail
- United States citizen

Preferred Qualifications

The following skills are desired, but not required:

- Experience with robotic paint and/or dispense systems
 - o Development of spray gun/applicator mounting brackets
 - o Turn-key robot system installation drawing packages (floor, ceiling, wall mount, or rail mount robots)
 - o Experience with these equipment manufacturers, Graco, SAMES, Nordson, SCA Schucker, FANUC, DURR
- Proficiency with 3D modeling using SolidWorks and/or Autodesk Inventor
- Experience working on new product developments
- Extensive design of automation systems using FANUC robots
- Knowledge of ISO 9000:2000 principles, ISO 102018 / RIA 1506 (Robot Safety Systems)

Other Information

Inovision is an equal opportunity employer.

Candidates must be able to perform the essential job functions with reasonable accommodation.

Employees must maintain a mobile phone and valid driver's license.

Candidates must be eligible to obtain a U.S. passport.

All candidate information will be kept confidential according to EEO guidelines.