



Position: **Senior Control Systems Engineer**

Reliant Systems, Inc. is a vertically integrated designer and manufacturer of high precision linear and rotary positioning stages. We specialize in custom, easy to integrate OEM motion assemblies that have been designed for a customer's specific application. Our positioning stages are found in metrology, inspection, and production tools used in the semiconductor, data recording, medical device, and laser machining industries.

### **Job Description**

As a Control Systems Engineer, you will develop new electro-mechanical motion control devices with sub-micron precision. You will provide guidance and technical support to customers, gather requirements, assess feasibility, and provide input to the design team. Successful candidates must be able to determine motors, drives and controllers that will meet specifications and tune, and optimize to meet movement profiles on linear and rotary systems across a range of sizes and performance specifications.

### **Basic Qualifications**

- Bachelor's Degree in Mechanical, Mechatronics, Electrical Engineering, or related field
- 5+ years of experience applied to mechatronics systems
- 5+ years of experience with mechanical design as it relates to electro-mechanical assemblies
- 5+ years of experience with linear or rotary electro-mechanical actuator design

### **Additional Qualifications**

- Experience working with customers and partners to gather system level requirements
- Demonstrated ability to translate system requirements into Mechatronics solutions
- Excellent mechanical aptitude
- Experience with laser interferometry
- 3D CAD experience, SolidWorks preferred
- Expertise with one of the following controller brands: B&R, Allen Bradley, ACS
- Excellent written/verbal communication and organizational skills
- Established engineering knowledge in the application and development of analytical solutions to complex engineering problems
- Discipline and creativity in applying skills to work assignments and projects
- Minimum supervision necessary in solving complex engineering problems
- Demonstrate good leadership skills with experience in teamwork and team building
- Ability to work with and read precision hand tools. Examples include: digital or dial calipers, digital or dial micrometers, electronic or dial indicators, and torque wrenches

**Benefits:** Healthcare, Dental, 401k with up to 4% company match, Paid Holidays & PTO

12641 Fremont Avenue / P.O. Box 349, Zimmerman, MN 55398  
Phone: (763) 856-8300 / Fax: (763) 856-8301 / E-mail: [jnemeth@reliantsystemsinc.com](mailto:jnemeth@reliantsystemsinc.com)  
[www.reliantsystemsinc.com](http://www.reliantsystemsinc.com)

*Reliant Systems, Inc. Confidential & Proprietary Information*