

Automation Controls Engineer

Job Title:	Automation Controls Engineer	Position Type	Full Time
Location:	San Diego County	Travel Required:	25%

Applications Accepted By:

Fax or E-mail:

(760) 741-7269 or careers@automationgt.com

Subject Line: Attention: [Careers RE: Automation Controls Engineer Position]

About Automation GT

Automation GT is currently looking to hire inquisitive, analytical and systematic automation controls engineers to work at our headquarters in Carlsbad, CA.

Automation GT was founded in 2002 as a company focused on the design and construction of custom automated machinery and systems. Since that time, we have developed ourselves as a brand with global significance and reach.

We employ professionals with a range of skills and qualifications, which allows us to approach every aspect of machine design, engineering, customer service, marketing, and sales on an in-house basis.

We have done extensive work in the design and manufacture of automation machinery for the biotechnology, life science, pharmaceutical, medical device, aerospace, defense, automotive and renewable energy industries. However, we do not limit ourselves to any particular industry or industries, and we welcome inquiries on new projects from companies all over the world.

At Automation GT, we hold three core values as the heart of our company culture:

- We are committed to making decisions based on data and the scientific method.
- We are committed to prioritizing customer satisfaction in all that we do, which often involves thinking ahead and anticipating what they will need.
- We are committed to ensuring the job satisfaction of our employees and will work with you to ensure that you are finding plenty of opportunities to grow and find fulfillment while you are with us.

We offer staff members a compelling package, which includes competitive base pay, superior benefits, an outstanding work environment and opportunities for career development. Through these comprehensive offerings, every individual has the chance to achieve significant growth, both financially and professionally.

Job Description

Responsibilities:

Electrical

- Develop electrical design, schematics and drawings in AutoCAD
- Interpret mechanical design drawings for electrical requirements (e.g. SolidWorks)
- Research supplier products for assembly components
- Help establish new and maintain existing standards
- Develop electrical bill of materials
- Power up electrical systems and configure hardware per application specifications
- Check quality of assemblers and technicians work and respond to inquiries during assembly
- Work with Sales Engineers to provide input with quote preparation as required

Software

- Design and develop software applications based on given requirements and specifications
- Understand client requirements for GUI/communication interface, networking and create specifications based on these requirements
- Review, repair and redesign legacy code
- Troubleshoot issues with existing company installed systems
- Write user manuals to communicate functionality of company developed programs
- Technical writing including Software Management Plan (e.g. SDS, SRS, Test Plan, Traceability Matrix, User/Operating Manual with Troubleshooting Guide, Spare Parts List with Vendor Part number ...)
- Requirement Reviews – Participate in reviews and work with Systems Engineering to ensure proper implementation of features

General

- Comply with the company safety procedures. Live the company culture of integrity and professional competence
- Provide timely and detailed status updates
- Quality – Ensure standards are maintained in a highly regulated, process driven environment
- Must be able and willing to travel and work at customer sites
- Must be available and willing to work overtime, weekends, and holidays to meet customer project commitments
- Involved in the recruitment of new staff
- Help Train/Orient/Bring Up to Speed new employees

Minimum Experience/Education Qualifications:

- BA/BS degree in engineering or related discipline (BSEE degree preferred)
- 5+ years of experience in the automation industry
- Proficient in Design/Drafting Tools AutoCAD and SolidWorks
- Programming Logic Controllers (PLC) (e.g. Allen-Bradley, Siemens)
- Configuring and designing HMI/OIT systems (e.g. Allen Bradley, National Instruments, Maple Systems)
- Familiar with Industry Standards UL and CE
- Familiar with Vision Systems (e.g. Cognex, Keyence)

Automation GT

- Familiar with various Motion Controllers/Actuators (e.g. IAI, Yasakawa)
- Experience and skill in troubleshooting control system issues

General Skills/Qualifications:

- MS Office 2010 (Excel, Word, Outlook) and general computer literacy
- Excellent written and oral communication skills
- Must be a self starter, team player, work well with others and have a positive attitude
- Must be a creative thinker, results oriented, focused, and attentive to detail and accuracy
- Must have ability to prioritize, multi-task and meet deadlines
- Sharp, quick, dedicated and innovative problem solver
- Core values and continuous self improvement
- Must be organized, detail oriented, and able to think designs through completely