

Associate Automation Controls Engineer Job Description

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

Resumes Accepted By:

Fax or E-mail:

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

Please include [Associate Automation Controls Engineer Position] in the subject line.

About Automation GT

Automation GT is currently looking to hire inquisitive, analytical and systematic associate level automation controls engineers to work at our headquarters in Carlsbad, CA. Automation GT will also consider hiring the right candidate as a summer intern for this job opening.

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 and bonus opportunities, 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

- Interpret electrical wiring diagrams
- Update electrical wiring diagrams in AutoCAD
- Use the internet or phone to research potential components
- Follow established standards for drawings and component selection
- Interpret electrical bill of materials
- Use hand tools and multi-meter to safely work in an electrical panel
- Check quality of assemblers and technicians work and respond to inquiries during assembly
- Understanding of basic electrical principals such as Ohm's Law and Watt's Law

Software

- Basic PC networking understanding
- Familiarity with Serial Communications using a PC
- Understanding of Boolean Logic
- Understanding of number systems outside of Base 10 - such as Binary, Hexadecimal, Octal
- Interpret PLC Ladder Logic
- Troubleshoot issues with existing company installed systems
- Write user manuals to communicate functionality of company developed programs
- 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
- Ability to work with people from all areas of the company – shop floor to senior management

Minimum Experience/Education Qualifications:

- Pursuing a BA/BS degree in engineering or related discipline (BSEE degree preferred)
- Technical aptitude
- Familiar with Design/Drafting Tools AutoCAD

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