Position: Controls Programmer

Position Type: Full Time

Job Description:

To program, design and integrate control programs for the operation of automated equipment.

Key Responsibilities:

- To design, develop, troubleshoot, and document complete control programs for customer automation equipment.
- Programming of control systems using PLC's, PC's, servo drives, robots, machine vision systems and specialized controllers as required.
- Troubleshooting electrical controls and mechanical mechanisms.
- Adhere to project timelines and budget requirements.

Qualifications & Experience:

- Diploma in Electrical Engineering Degree/Diploma or Equivalent Specialized Experience
- Minimum 2+ Years' Experience within the Automation Field
- Experience in systems/controls development and integration of factory automation equipment; thorough understanding of PLC's, robotics, control systems and machine operation is required.
- Working knowledge of Safety PLC Systems and Safety Standards
- Exposure to Siemens, Allen Bradley, Omron PLC and HMI systems
- Experience with Industrial Vision Systems (Cognex, Keyence)

Skills:
- PLC Programming (Siemens, Allen Bradley, Beckhoff, Omron)
- SCADA and HMI Programming (WinCC, FactoryTalk View, VB)
- Robot Programming (Fanuc, Kuka, Yaskawa, ABB)
- Vision Programming (Cognex, Keyence)
- SQL databases and data collection
- Wiring experience is an asset
- AutoCAD
- Excellent verbal and written communication skills
- Excellent problem-solving skills
- Ability to work within a team environment and actively participate in team meetings
- Ability to manage tasks and use technology, resources, and time efficiently
- Available to work overtime and travel globally
- Manual dexterity and ability to use small hand tools / hand eye coordination
- High attention to detail
- Knowledge of Health and Safety protocols and procedures
- Ability to lift or carry materials up to 23Kgs (51 lbs)- asset
- Proficient in Microsoft office programs