

CONTROL SYSTEMS DEVELOPER

At Angstrom Engineering, we sell industry-leading thin film deposition systems that can be custom designed and are assembled on-site by a team of engineers and technologists who prioritize quality, service, and performance above all else.

We are a growing company looking to break into new markets and to increase our international presence. To assist us in meeting our goals we are offering a position for a Control Systems Developer. The ideal candidate will be a people person with a keen interest in learning new technologies and taking ownership for improving products and processes.

MAJOR DUTIES:

Responsible for all aspects of programming for all Angstrom Engineering systems including machine start up and testing.

SPECIFIC RESPONSIBILITIES:

- Ability to translate customer needs into software requirements and code
- Develop and maintain the Angstrom Engineering Software Products
- Develop and program effective, logical and reusable PLC code
- Support the test and process team in configuring and debugging the software for a machine
- Test functionality and verify all operational aspects of system are to specification
- Suggest modifications or changes to standards and procedures for continuous improvement initiatives

QUALIFICATIONS OVERVIEW:

- Post-secondary degree in computer/software engineering or equivalent
- Strong knowledge of PLC programming, including ladder logic, function blocks and structured text
- Servo programming, integration and tuning experience
- Familiar with EtherCAT, Ethernet/IP, TCP/IP, RS232 and other communication platforms
- Understanding of code versioning using SVN
- Experience in C# programming an asset
- Ability to read, follow and understand electrical schematics
- Resourceful and the ability to work and grow independently
- Ability to solve technical problems
- Preference will be given to candidates with Omron PLC experience

To apply, send a resume and cover letter to careers@angstromengineering.com