

CONTROL SYSTEMS (PLC) DEVELOPER

At Angstrom Engineering, we develop products and services focused on supporting the nanotechnology community. Our products include a broad range of thin film deposition machinery which we design and manufacturer as well as offering process development and deposition services.

We work closely with our high-tech clients to help them apply nanotechnology tools so they can pioneer important developments in; semiconductors, OLEDs, solar panels, optical coatings, medical/biological sensors, energy storage, quantum computing and much more.

Angstrom Engineering is a growing company with an international client base which has been listed on the Profit 500 fastest growing companies 6 years. We are a customer-focused company that works hard to build strong customer relationships and find ways to exceed expectations.

As an Electrical Assembly Technologist you will help us in all aspects associated with the wiring of our complex electro-mechanical equipment.

As a Control Systems (PLC) Developer, you will develop and implement PLC code to control our complex electro-mechanical systems.

MAJOR DUTIES:

Responsible for all aspects of programming for 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
- Integrate 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 software/electrical 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
- Ability to read, follow and understand electrical schematics
- Experience in AutoCAD Electrical an asset
- Resourceful and the ability to work and grow independently
- Ability to troubleshoot and solve technical problems

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