

## PLC AND SOFTWARE 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 to 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 times. We are a customer-focused company that works hard to build strong client relationships and find ways to exceed expectations.

Angstrom Engineering is on the lookout for a Software Developer to help drive improvements in our products. The ideal candidate will be a people person with a keen interest in learning new technologies and taking ownership for improving products and processes.

This full-time role is an office position at our facility in Kitchener, Ontario.

### OVERVIEW:

Angstrom's product portfolio is growing, and we need you to help us keep up to the demand for new product features and functionality. As a member of the Software Development team you will be working on Angstrom's Aeres platform to develop it into its full potential. You will need to leverage your understanding of automation, PLC, database, frontend, and backend PC programming techniques to create new and exciting features for all our customers to use.

### SPECIFIC RESPONSIBILITIES:

- Create new functionality and features to extend the Aeres code base.
- Work with material scientist to translate high level concepts into finished solutions.
- Perform end to end testing of PC and PLC software.
- Develop new software tools to aid in rapid deployment of Angstrom Equipment.
- Collaborate with a multi-disciplined team to drive projects to completion.

### QUALIFICATIONS OVERVIEW:

- Post-secondary degree in computer/software engineering or equivalent
- Strong knowledge of object-oriented programming
- Knowledge of Software Design Patterns
- Experience in C# application development
- Knowledge of WPF and WCF
- Familiar with EtherCAT, Ethernet/IP, TCP/IP, RS232 and other communication platforms

- Understanding of code versioning using GIT
- Experience the IEC1131 PLC Programming Structure (Omron, Beckhoff TwinCAT)
- Ability to solve technical software and mechanical problems

**ADDITIONAL INFORMATION:**

Angstrom Engineering is an agile and growing business with a work force of exceptional people. We have been in business for 20 years and make leading edge and interesting equipment for the field of nanotechnology. Our working environment is clean, safe, and enjoyable. We offer flexible hours and a competitive compensation package including benefits.

To apply, send a resume and cover letter to [careers@angstromengineering.com](mailto:careers@angstromengineering.com)