

ACCUTRON INSTRUMENTS EMPLOYMENT OPPORTUNITY



JUNIOR EMBEDDED PROGRAMMER

For Mine Ventilation Automation - Accutron Instruments Inc. - Sudbury, ON, Canada.

A lot of other folks will put some nonsense about kittens, rainbows and unicorns here. We won't.

We are people that like to roll up their sleeves and get their hands dirty. If you work here we are going to drive you to be as successful as you can be. We are on a mission to expand our successful company.

Accutron Instruments Inc. is an aggressive growing company in Sudbury Ontario. We design and manufacture advanced sensors and instrumentation that are changing the future of underground mine ventilation. We are building a strong technical team that pride themselves on superior execution. If this sounds like your thing, please send us your resume.

THE ROLE

Solid attitude, strong desire to learn and grow.

RESPONSIBILITIES

Develop, debug, and maintain embedded software in a repository-based environment.

Contribute to product planning, and design.

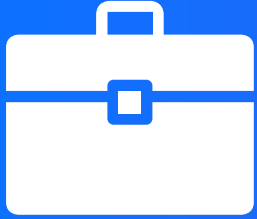
Work with state-of-the-art embedded DSP and signal processing.

Solve complex and challenging programming problems.

Participate in Quality Assurance test planning, and product release.

REQUIREMENTS

- Minimum 2-3 years hands-on C/C++, and assembler programming is a must.
- Qt or other C++ GUI application framework experience.
- Programming experience using TCP and UDP protocols.
- Can effectively collaborate with others to meet deadlines.
- Experience with RS232, RS485, and industrial protocols a big plus.
- Exposure to revision control such as Subversion, or Git a plus.
- Exposure to RTOS, ucLinux, or Linux system programming a plus.
- Exposure to LCD, OLED, Embedded GUI (HMI) design a plus.
- Exposure to ARM, ARM-Cortex-M a plus.
- Strong focus on object oriented design, and code re-usability.
- Programming in C/C++ in a modern Embedded Real-Time Operating System (RTOS) environment.
- ARM7TDMI, ARM Cortex-M, and some legacy Microchip exposure.
- Interfacing with Industrial protocols stacks, TCP/IP stack, WiFi, and other digital and analog communications protocols.



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OTHER SKILLS AND QUALIFICATIONS

- Knowledge of industrial protocols in automation systems is advantageous (Such as RTU, Modbus, Ethernet, SQL, Profibus, Leakyfeeder, etc.)
- Experience and knowledge of different Industrial Electrical Systems is advantageous
- Experience with environmental monitoring sensors for gas and airflow is advantageous
- Advanced 3D designing and 3D printing skills is advantageous
- Advanced 2D designing skills is advantageous

TERMS OF EMPLOYMENT

Full time – days, evening and weekends
Language: English

ABOUT THE COMPANY

At Accutron Instruments Inc. we design, manufacture and commission a wide range of mining sensors to meet the demands of harsh industrial environmental conditions and infrastructure demand. Our products include airflow monitors, toxic gas detectors, temperature, pressure and humidity level sensors and complete Mine Air Quality Stations (MAQS).

We are committed to the continuous development of top-quality instrumentation for process automation solutions. We are driven by the work we do, creating global impact in the mining industry that leads to market advantages for our customers and a strong successful future for our company.

Accutron Instruments Inc. is a leading manufacturer of underground mine ventilation & automation technology founded in 1993. We are based in Sudbury, Ontario, Canada. We supply worldwide industrial markets with products and services for ventilation monitoring, process automation and optimization of mine ventilation systems to improve process efficiency and energy conservation.

APPLY BY

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Website: <http://accutroninstruments.com/>