

Position Title: Senior Electronics Hardware/Firmware Design Engineer

Location: Fredericton, NB

Do you have a passion for designing game-changing products? Are you looking for an opportunity that will enable you to show your chops in every phase of product development – from definition and design through to prototyping and commercialization? Does the idea of engineering complete, innovative products for end users get you fired up? If so, we have a hot opportunity for you!

The Company

With the success of its flagship product, the TCi Thermal Conductivity Analyzer, our client, C-Therm Technologies (<http://www.ctherm.com>), has become a leader in non-destructive testing and analysis. With customers in numerous industries around the world, C-Therm Technologies has shaped and pioneered the way that many of the world's most prominent manufacturers, research facilities, and academic institutions test and measure thermal conductivity. Its unique approach to non-destructive testing has earned C-Therm industry recognition along with numerous prestigious awards and patents.

Building off of a track record of success and innovation, C-Therm is currently exploring new dimensions of thermophysical analysis.

The Opportunity

C-Therm is currently looking for a talented Senior Electronics Hardware/Firmware Design Engineer to lead its electronic design efforts as the company explores and moves into new opportunities in thermal analysis. Reporting to the Director of Engineering, this position will be responsible for managing all aspects of electronic hardware and firmware design, development, testing, and documentation. You will play a key role in everything from establishing design requirements to prototyping and product actualization and installations while working with a dedicated and talented multidisciplinary project team. You will provide leadership, training, and mentorship to team members to help ensure the success of the team.

The Requirements

You have at least a Bachelor's degree in Electronics Engineering and several years of proven experience producing solid schematic and layout designs. You have experience with circuit simulation, analysis, and design and have a knack for developing operational algorithms and designing and testing embedded

software systems. You have experience with product qualification and certification processes. You have strong experience programming microprocessors / logic devices and design experience with standard communication protocols. You also possess a good understanding of all aspects of system design and development – including software, hardware, and firmware. Strong project management skills are required as are above average teamwork and communications skills. Some management or team leadership experience is preferred as is experience in the control or instrumentation industry. Professional Engineer designation is a definite asset.

The Rewards

In exchange for your talents, C-Therm provides a flexible and dynamic work environment. You will have the opportunity to work with a company that has a proven track record of success while still providing the fun and excitement of a start-up type of environment.

The Location

Fredericton is one of the most successful and vibrant small cities in North America. It is a beautiful, historic city with two universities, many cultural activities (including an excellent jazz festival), lots of nightlife, plenty of recreational facilities and activities (including a rowing and sailing club), beautiful parks and an extensive network of walking trails. It also has a vibrant and rapidly expanding knowledge industry sector.

You can find out more about Fredericton at:

- Team Fredericton <http://www.teamfredericton.com>
- Tourism Fredericton <http://www.tourismfredericton.ca/en/index.asp>
- The City of Fredericton <http://www.fredericton.ca>
- Canadian Relocation Systems
<http://www.relocatecanada.com/fredericton/index.html>
- Found Locally's Business Directory
<http://www.foundlocally.com/fredericton/>

To Apply

If you are interested in the above position, please e-mail your resume in confidence to hr@ctherm.com. We will treat any inquiry or resume received with the utmost confidentiality. Under no circumstances will we submit your resume to any client without your prior approval.