

Research Developer – Medical Imaging

About Calgary Scientific

Calgary Scientific Inc. (CSI) is a software and intellectual property (IP) development company specializing in sophisticated digital signal, image processing and analysis technology. Our current product line includes customer focused applications for medical imaging and seismic data imaging. These applications offer innovative tools to help professionals to better interpret and analyze data through core innovations around which CSI applications are developed.

Calgary Scientific is a privately held company with offices in Calgary, Alberta, Canada. The company was formed in 2003 to commercialize leading edge intellectual property into market leading software applications.

Calgary Scientific works with research teams and individuals across multiple Universities to generate, refine, test, and commercialize breakthrough innovation into market driven commercial applications.

Research Developer – Medical Imaging Role

We are looking for several full-time Research Developers with Medical Image Processing skills who are willing to relocate to Calgary, Alberta, Canada. Duties will include:

- Incorporating cutting edge research code from around the world into our production quality, C++ core technologies
- Working with Research Scientists and Research Associates on various medical image processing algorithms
- Working with QA to design and develop unit and validation tests that meet our ISO 13485 and ISO 14971 requirements
- Working directly with Agile Product Teams to ensure the rapid integration of new technologies into various medical applications

This is an excellent opportunity to contribute to the commercialization of market-driven medical imaging applications.

Required Experience/Skills:

- Degree in Engineering, Physics, Computer Science, or related fields
- 5 or more years of experience in C++ development
- 1 or more years of matlab and OpenGL experience
- Applied or advanced math training, particularly in medical image processing or artificial intelligence
- Demonstrated ability to learn new technologies
- Desire to contribute to the successful commercialization of leading-edge technology

Beneficial Experience/Skills:

- Algorithm development using ITK
- Working within an ISO certified environment

Please send cover letter and CV to careers@calgaryscientific.com