
Software R&D Engineer – Image Processing

Position Overview:

Circle Cardiovascular Imaging Inc. is looking for a software R&D engineer/scientist in the field of medical image processing and analysis. The ideal candidate should have a strong background in image processing with an emphasis on pre-processing, image segmentation and registration and feature extraction. The candidate should also be experienced in C++. Experience in QT, OpenGL and/or the medical imaging software field in general is considered an asset.

General Responsibilities:

- Research and develop advanced image processing, segmentation and analysis algorithms for medical images
- Work closely with a team of engineers and developers to design and develop medical image post-processing software
- Work closely with regulatory and quality assurance engineers to ensure development of quality software
- Work closely with scientific advisors and physicians to develop algorithms for solving clinical problems

Required Skills/Experience:

- Experienced in image segmentation, registration and/or feature detection
- Experienced in C++ development

Preferred Skills/Experience:

- Experience with QT, OpenGL, and OpenCv
- Experience with DICOM images (MR and CT)
- Experience with Mac OS
- Experience in the medical imaging software industry

Educational Requirements:

- MSc or PhD in Engineering, Computer Science or related field



About Circle Cardiovascular Imaging Inc.

Circle Cardiovascular Imaging Inc. is a Calgary-based software development company that develops and sells cardiac post-processing software that allows for the evaluation and analysis of MR and CT images. Available for clinical and research use, the stand-alone software provides full DICOM and PACS connectivity.

Circle operates worldwide and its products (cvi42, cmr42, ct42, and report42) have been approved for the Canadian, American, Australian, and European markets. Circle's goal is to contribute to quality in cardiovascular imaging and research, while maximizing the achievable benefit for patients by enabling healthcare providers to accurately and effectively analyze cardiovascular images.

How to apply:

While we thank all those who apply, however please note that we will only be contacting those selected for an interview. No phone calls or unsolicited agency referrals please. Only applicants who are authorized to work and are residing within Canada will be considered for this position.

Please note: This is a Calgary-based role. No relocation will be provided for the position.

Please send your resume with cover letter to the attention of Human Resources at the following address or apply on our website:

Email: hr@circlecvi.com

Fax: +1 403 338 1895

Mail: **Circle Cardiovascular Imaging Inc.**

1100, 800 5th Avenue SW

Calgary AB T2P 3T6

Canada