

Software Developer/Engineer

Position Overview:

The software engineer is responsible for the development of the next generation cardiovascular post-processing software. The software engineer will design and develop various components of the software including application graphical user interface/workflows, back-end server functionalities, reporting, advanced rendering algorithms and other post-processing algorithms. Through the software development cycle, the software engineer will work closely with other software engineers and quality assurance analysts as a team to ensure delivery of quality software products.

The software engineer will report to lead engineers/managers.

General Responsibilities:

- Design, develop, and maintain GUI applications for medical software
- Design, develop, and maintain application framework for medical software
- 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

Required Skills/Experience:

- 2+ years of experience in C++ development
- Experienced in agile software development methodologies
- Experience in GUI development, client-server architecture, and advanced algorithm development

Preferred Skills/Experience:

- 5+ years of experience in C++ development
- Experience in agile software development methodologies
- Experienced in QT, OpenGL GUI development
- Experienced in multi-threaded environment
- Experienced in client-server and distributed architectures
- Experience in the medical imaging software industry in general

Educational Requirements:

- BSc 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.**

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Canada