
Senior Software Developer – Medical Imaging

Position Overview:

The software developer is responsible for the development of the next generation cardiovascular post processing software. The software developer 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 developer will work closely with other software developers and quality assurance analysts as a team to ensure delivery of quality software products.

The software developer will report to lead developers/managers.

General Responsibilities:

- Design, develop and maintain GUI applications for medical software
- Design, develop and maintain application framework for medical software
- Design, develop and maintain advanced image processing algorithms including translation of Matlab / Python algorithms to C++
- Work closely with a team of developers to design and develop medical image post-processing software
- Work closely with regulatory and quality assurance analysts to ensure development of quality software

Required Skills/Experience:

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

Beneficial Skills/Experience:

- 8+ years of experience in C++ development
- Experience in image processing
- 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, MSc or PhD in Engineering, Computer Science or related field

About Circle Cardiovascular Imaging Inc.

Circle Cardiovascular Imaging Inc. develops world class, advanced reading and reporting solutions for cardiac imaging. Circle is a prominent company for the global cardiac imaging community bringing together an experienced and qualified team of over 150 people.

Circle's imaging platform, **cvi42**, is the best-in-class cardiovascular imaging reading and reporting solution for cardiac MR, cardiac CT, cardiac Interventional Planning and Electrophysiology. Annually, millions of cardiac exams - in over 1,000 hospitals and in more than 50 countries - are interpreted using **cvi42**, giving physicians the tools to accurately quantify and diagnose complex cardiovascular diseases whilst improving patient outcomes and the effective utilization of healthcare resources. Currently at version 5.11, **cvi42** fully embeds AI into one easy to use platform demonstrating capabilities within the same range as expert human readers.

How to apply:

We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status. 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

Please send your resume with cover letter to the attention of Human Resources at the following address:

Email: hr@circlecvi.com

Fax: +1 403 338 1895

Mail: **Circle Cardiovascular Imaging Inc.**

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