

## Software R&D Engineer

### Position Overview:

We are recruiting 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

### Beneficial 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. develops world class, advanced, post-processing solutions for the cardiac imaging industry. Circle is a prominent company for the global cardiac imaging community bringing together an experienced and qualified team of more than 150 people.

Circle's imaging platform, cvi42 is the leading best-in-class cardiovascular imaging reading and reporting solution for Cardiac MR, Cardiac CT, and Cardiac Interventional Planning. Annually, hundreds of thousands of cardiac exams - in over 1,000 hospitals in 40 countries - are interpreted using cvi42, providing physicians the tools to accurately quantify and diagnose complex cardiovascular diseases while improving patient outcomes and the effective utilization of healthcare resources.

Currently at version 5.11, cvi42 utilizes machine learning and big data, with the machine results demonstrating capabilities within the same range as expert human readers, improving cardiovascular health through excellence in imaging as an integral part of precision medicine.

## **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](mailto:hr@circlecvi.com)

Fax: +1 403 338 1895

Mail: **Circle Cardiovascular Imaging Inc.**

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