

Software Engineer (Based in Utrecht)

Position Overview:

As a member of a team of 4 software developers located in the center of Utrecht, you will be responsible for the development of the next generation cardiovascular post processing software.

Depending on your skills and interest, you will work on various components of the software including application graphical user interface/workflows, back-end server functionalities, reporting, advanced rendering algorithms and other post processing algorithms.

The team is building a new platform for the developing medical imaging workflows. As a member of a small team you will have the opportunity to be influential in the creation of this platform and the workflows that will be built on top of it. We will encourage you to learn about the aspects of our domain which you might not be familiar with.

Throughout the software development cycle, you will work closely with other engineers, quality assurances analysts and product managers to ensure our software is of top quality and suits our customer's needs.

General Responsibilities:

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

Required Skills/Experience:

- 3+ years of experience in C++ development
- Experience with at least one of the following:
 - Medical software
 - Basic 3D Math (Matrix / Vector operations)

Beneficial Skills/Experience:

- Experience with modern C++ (C++11 or later)
- Experience in agile software development methodologies
- Experienced in QTQuick
- Experience with 3D Rendering (OpenGL or DirectX)
- Experience with Medical image analysis algorithms
- Experience developing Medical Imaging Software
- Experience with DICOM
- Experience with REST API design

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, 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 5.10, 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. Only candidates who are able to work in the EU without sponsorship will be considered.

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

Email: hr@circlevi.com

Fax: +1 403 338 1895

Mail: **Circle Cardiovascular Imaging Inc.**

1100, 800 5th Avenue SW

Calgary AB T2P 3T6

Canada