

## Job Category: software development

### Job Title

Software Designer C++ Image Guided Therapy Systems

### Location

**Best, Noord-Brabant, Netherlands**

### Job Description

#### Your challenge

Will you be strengthening our team with software engineering skill and your can-do attitude? Can we count on you to develop new products, using the latest technologies and resources, often realizing systems based on unverified specifications? Will we be able to challenge you to show an abstract understanding of concepts but at the same time show in-depth programming knowledge of C++?

#### Your responsibilities

Responsible for the design, realization and test of a system, subsystem or component in accordance with the higher level Requirement and - Design specifications / architectures.

- Implement the design or coaches others during the implementation.
- Develop the work with focus on consumer needs and technological competitiveness, and keep this outside-in approach in mind for the created designs.
- Determine the Unit interfaces (HW/SW), in close consultation with relevant disciplines.
- Ensure that there is proper documentation for the developed software.
- Understand and communicate the consequences of his/her design on the architecture.
- Keep abreast of technical developments in own field through study of the literature, and technical contacts.
- Actively share knowledge with the team and larger software community of the department & business
- Performs work in line with the processes that have been agreed in the department
- Contribute to (SW-) technology roadmaps and other strategic related activities.
- Give guidance to the Work Breakdown Structure/ the planning process of his/her area.
- Inspire other team members to get the job done.

#### Your team

The Business Unit Image Guided Therapy Systems is responsible for marketing, development and manufacturing of X-ray systems in the area of cardiac or vascular medical diagnosis and intervention (e.g. a "dotter" treatment). The customers are hospitals, medical specialists and universities. Our company develops and manufactures best-in-class medical products. One of its success products is the Azurion platform. This platform allows our customers to easily and confidently perform procedures with an unrivaled user experience, helping them to optimize lab performance and to provide superior care.

You will be contributing to one of the R&D teams and be responsible for developing software controlling either 2D image generation, 2D/3D image applications, the video routing, the medical workflow or all movements of the X-ray system. In each high quality, (real-time) performance is essential.

You will be working in close cooperation with the Software architect(s), Test Engineers and Software Designers and Engineers.

## **We are looking for**

- Master or Bachelor degree in Software Engineering or similar Academic Background
- 5+ years of experience in technical software development
- C++ 11 knowledge
- Software modeling experience (e.g. DSL, Dezyne, ...)
- Experienced in working with legacy code

### Character:

- Can do style
- Self-propelling
- Team-player

## **In return, we offer you**

We welcome you to a challenging, innovative environment with great opportunities for you to explore! Our benefits are very competitive and designed around your preferences. Most importantly of course satisfaction, your work will serve in the ER's for a long time (at least 20 years).

- A competitive salary;
- 25 Days of leave and the possibility to purchase up to 20 extra days off annually;
- A variable bonus based on both company's results and personal performance;
- Extensive set of tools to drive your career, such as a personal development budget, free training and coaching;
- Colleagues who are the best and brightest in their field;
- Competitive company pension scheme and attractive collective health insurance package;
- Opportunity to buy company's shares and products with discount;
- Healthy work-life balance and exciting, international environment at the campus .

This vacancy is published on 4<sup>th</sup> March 2020.