

Medical Device Software Engineer.

Come and join us!



Are you a software developer who likes exciting projects and challenging work tasks? And who are looking for an interesting position in a fast growing, innovative company with a great team spirit and skilled colleagues. Then, keep on reading!

Lumito is a life science company located in the very heart of Lund that is developing a medical device with unique and patented technology based on fluorescence from upconverting nanoparticles (UCNP). The product aims to improve quality, free resources, increase precision and reduce the risk of human error in diagnostics of cancer indications. The focus is initially on digital pathology and tissue diagnostics.

We are now looking for a senior software developer for our scanner product development team and we offer you a fun and changing work environment among other things! Ideally the candidate has experience in developing software for CE-IVD regulated products. A strong trend within digital pathology and tissue diagnostics is to apply AI and machine learning as diagnostic decision support tools. Our UCNP images with high contrast and lack of back-ground information are extra well suited for machine learning, thus something that we will focus on as the next step. Experience from machine learning is not a requirement, but a merit.

Responsibilities

- SW architecture
- Design, implement, integrate and document SW components
- SW requirements management
- SW risk assessment
- Lead a SW team with internal and external resources

Job Qualifications and Experiences

- MSc/BSc in Computer Science or Engineering
- Excellent programming skills in Python, C, C++, C#
- Knowledge from Quality Management Systems and appropriate standards such as ISO 62304, ISO 13485, ISO 62366 and ISO 14971.
- Knowledge in Git and Jira
- Experience in agile development methodologies
- Experience of low level programming, i.e. sensors and actuators
- Experience of development of time critical applications and algorithm optimizations
- Knowledge in image processing is a benefit

Skills and Personality

- Structured and rigorous
- Attention to details
- Passion to develop excellent software
- Self-driven and result oriented
- Problem solver
- Team player
- Good communication skills
- Fluent written and spoken communication in English



For further information, feel free to contact our CTO Andreas Johansson, ph. +46 959 63 03 or e-mail: aj@lumito.se.

Submit your application to Andreas Johansson, e-mail: aj@lumito.se.

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