![iTheraMedical — Listening to Molecules]

For our team in Munich, we are currently looking for a

Software R&D Engineer (m/f/d)

Industry: Medical Devices

Employment: Full-time position

Qualifications: Master's degree in biomedical or related engineering field; excellent verbal and written English skills

Your role

As "Software R&D Engineer", you will support our R&D team by driving the development of our main research image analysis toolkit and supporting its lifecycle.

Development of novel medical devices such as iThera's optoacoustic imaging systems requires flexible and rapidly extensible imaging tools for diverse development tasks. To fulfil these needs, we are developing an imaging toolkit under commonly applied Agile/Scrum best practices. The toolkit is currently undergoing a major redesign with a new architecture and translation of existing and new functionalities that encompass image processing and analysis with an interface to the acquisition software and clinical cloud data system.

Principal duties and responsibilities include the following:

- Define product requirements of image analysis toolkit
- Manage the development process and timeline of the research imaging toolkit
- Validate image reconstruction and analysis through data acquisition and evaluation
- Support medical product documentation, verification and validation activities
- Closely collaborate with iThera's algorithm, SW, application and QM/RA teams

Your qualifications / profile

The qualified candidate should have a biomedical or related engineering academic degree with preferably >5 years of hands-on professional experience in software development and a very good command of the English language.

Particularly preferred skills/experience include the following:

- Experience in medical imaging, specifically image processing and analysis (preferably in Python)
- Experience in process development of medical devices, e.g. Polarion and Azure DevOps
- Experience in the implementation of software documentation for CE/FDA authorities
- Knowledge about relevant standards applicable to software development in the medical field (e.g., IEC 62304, ISO 81001-5-1) or another regulated environment

- Structured and self-motivated way of working
- A "hands-on" and "can-do" attitude

In addition to the skills listed above, we require a passion for exploring new grounds, developing a new business, and working closely in a multidisciplinary international team.

We offer

- Breakthrough technology in the growth market of medical devices
- Substantial individual responsibility and the opportunity to realize own ideas
- A young, dynamic, and international team to work with
- Flexible working hours and remote work

About iThera Medical

iThera Medical offers the next generation in photonic molecular imaging technology. The company was founded in 2010, as a spin-off from the Helmholtz Center Munich. Together, we pursue the further development of proprietary optoacoustic imaging technology for use in preclinical and clinical applications. Our international customers include the most prestigious research centers, academic hospitals and pharmaceutical companies. Please visit our website for more information (www.ithera-medical.com).

Do you want to take on responsibility and help us shape a leading-edge technology in a dynamic environment? Then we are looking forward to hearing back from you!

If you have any questions, please contact us:

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www.ithera-medical.com
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