



TracInnovations.com

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Lead Hardware Developer

Would you like to be part of an exciting and dynamic young company working to improve patient care? Do you want to develop motion tracking systems and work with cutting edge technology?

Motivation

Medical brain imaging is one of the most important diagnostic tools. However, patient motion during image acquisition may severely degrade the image quality and prevent proper diagnosis. TracInnovations has developed and designed a motion tracker to reduce the problem of patient motion. The motion tracker performs live monitoring and markerless motion tracking during PET and MRI scanning. In collaboration with international research partners, we are developing motion correction methods for improving image quality in the presence of motion.

TracInnovations is a MedTech spin out from the Technical University of Denmark, established in 2015. Our vision is to provide accurate and reliable motion tracking for the MRI and PET scanner environment. As part of our growth journey we are looking for a Lead Hardware Developer who will play an important part of fulfilling our target in developing excellent motion tracker system.

Job description

You will be involved in all parts the hardware development life cycle, from planning and system design to implementation, profiling, and testing. You will be part of a small development team of 6 software and hardware developers. We expect that you work independently, take responsibility for the tasks assigned to you and that you are passionate about your work. The job requires both strong team player skill as well as a drive to get things done.

TracInnovations has developed a system for motion tracking, which is used by all our customers. Your main responsibility will be to lead development of new solutions and features to improve the system functionality based on feedback from our customers and design to reduce cost. We work together with external developers and you must keep a close dialogue with these on their deliverables. You will also work with the entire development team on designing tests for validating the quality of the system.

Main responsibilities

- Lead the hardware development projects, system design and optimization of existing and new features for our motion tracking applications
- Be in close contact with our external development partners (hardware, electronics and optics)
- Take part in all phases of the development life cycle
- Ensure timely delivery of product developments
- Ensure developments follow regulations for FDA clearance and MDR
- Responsible for verification and documentation for FDA
- Design product specifications for future systems and accessories and maintain a backlog of new features and ideas

- Plan and maintain an overview of resource utilization and needs

Qualifications

- MSc in engineering: hardware, electronics or optic design
- 5+ year experience from a similar position
- Knowledge of Good Documentation Practice
- Written and spoken English on a professional level (Danish is a plus)

For the right candidate we can offer interesting assignments and projects with a high level of responsibility. You will be part of a young and growing company with a fast development pace and great colleagues.

Contact information

For additional information about the position, please contact:

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Applications are assessed when received, so please send your application as soon as possible under the headline "Lead HW Developer" to afs@tracinno.dk.