Siemens Medical Solutions, USA Inc.

Job Title: Senior Scientist, MR Research and Development  
Location: Boston, United States of America

Job Description

At Siemens Healthineers, we are passionate about enabling healthcare professionals to deliver high quality patient care and to do so affordably. This is a role toward this goal that is well suited to an ambitious professional, looking for the next step in their career. As a scientist of the MR R&D Collaborations team in the United States, you will be based in the department of cardiology at a leading academic institution in Boston, Massachusetts, responsible for:

**Collaboration Management**
- Be the key point of contact on-site for both Siemens and customers.
- Identify areas of mutual interest that are relevant for the partnership, and strategic in nature.
- Drive, define and execute new clinical and research MR and cross-modality collaboration projects.

**Research and Development**
- Drive the development of novel, clinically relevant MR techniques.
- Develop and release prototypes of novel techniques with a focus on cardiovascular MR applications.
- Conduct original research resulting in patent applications and peer-reviewed journal publications.
- Educate R&D and Applications colleagues on clinical research topics.

**Product Development**
- Product integration of innovative MR techniques according to quality standards for medical devices.
- Implementation of improvements to currently existing product features.
- Maintenance and enhancement of the existing code base, testing, and bug fixing.

**Sales and Marketing Support**
- Provide content for articles, abstracts, and marketing materials.
- Support educational meetings, tradeshows, and site visits.
- Answer questions from colleagues and customers related to areas of the team’s responsibility.

**Required skills to have for the success of this role**
- Ph.D. in Biomedical Engineering / Electrical Engineering / Biomedical Physics / Imaging Physics, or equivalent.
- Exceptional communication skills – in all formats: writing, presentation, verbal.
- Strong collaboration skills and ability to thrive in a dynamic, fast-moving environment.
- Expertise in MR imaging techniques and clinical applications.
- Substantial experience in C++/C software design, implementation and coding. Experience using Matlab.
- Prior experience working on Siemens’ MR systems in pulse sequence design and image reconstruction.

For the full description of this job position and online application, please visit the following link:
https://jobs.siemens.com/healthineers/jobs/291133

As an equal opportunity employer, we are happy to consider applications from individuals with disabilities.