Position Title: Applications Scientist – MRI Advanced Development

Hiring Manager: Ramesh Venkatesan (Ramesh.Venkatesan@geind.ge.com)

Location: Bangalore - India

Role Summary
Design and develop novel acquisition methods, enabling recon, automated image analysis and the underlying core technologies that result in making MRI more accessible in limited-resource settings. Translate these new capabilities into product solutions.

Essential Responsibilities
Duties include (but are not limited to):
1. Lead MRI apps development efforts that are tightly coupled to the ACP segment MR roadmap access goals
2. Conduct novel development resulting in patent filings and advanced technology development for improving access to MRI
3. Provide technical expertise and support towards accomplishing the ACP MR system development project goals
4. Combine knowledge of MRI, engineering and clinical needs to design and develop new MRI acquisition methods that result in increased clinical bandwidth for users in limited-resource settings
5. Develop features as prototypes and release to external clinical collaborators following design controls
6. Work with a cross-functional team to translate prototypes to product and lead technical/clinical risk retirement towards NPI

Qualifications
1. Master's degree or above in Biomedical Engineering, or at least 10 years of relevant work experience in a clinical MRI setting with background in MR physics and signal processing
2. MRI Apps Expertise. Has demonstrable practice-level expertise in MR physics and applied science. Knowledge of MRI acquisition, recon and image analysis methods is highly desired.
3. Pulse Sequence Development Capability: Has technical acumen to develop novel applications that can overcome deficiencies in clinical capability
4. Innovation: Develop innovative acquisition methods and recon prototypes to support system development
5. Technical Acumen: Understand the limitations & capabilities of external benchmarks and develop novel MRI applications for disruptive MRI system designs

Desired Characteristics
1. Familiarity with GE MR Systems
2. Familiarity with GE HealthCloud’s Learning Factory and COOLIDGE capabilities
3. Experience in application of Machine Learning & Artificial Intelligence to medical imaging
4. Experience in Machine Learning development libraries such as TensorFlow and Keras and programming in Python
5. Can-do attitude, flexible, intellectually curious

**Please connect with Ramesh direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3231677 **
Position Title: Clinical Development Specialist, MR

Hiring Manager: Allison Epstein (allison.epstein@ge.com)

Location: Waukesha, WI - US

Role Summary
The MR Clinical Development Specialist provides industry leading advanced applications support for the development of Magnetic Resonance scanners and applications. The primary responsibility of this specialist is to act as clinical “voice of the customer”, ensure product solutions meet customer requirements, provide support to global program teams, assist with customer complaints and to participate in various new product introductions related activities, for the end to end MR examination.

Essential Responsibilities
Duties include (but are not limited to):
1. Provide clinical support for the development of Magnetic Resonance Imaging products.
2. Work with global engineering to develop post-processing features by providing clinical input from customers.
3. Apply knowledge of clinical MR needs to guide definition and development of new imaging and post-processing techniques.
4. Evaluate performance and quality of features throughout the development process by designing protocols, traveling to partner sites for installation and testing.
5. Assist with customer complaints, investigations, and ultimately offer product solutions.
6. Develop (clinical) competitive intelligence to support the field with counter arguments and selling advantages.
7. Support scientific congresses, customer seminars and internal training events.
8. Ensure high quality MR training is delivered to the field applications teams and sales/marketing team.

Qualifications
1. Certified Radiologic Technologist (ARRT) or global equivalent.
2. Highly experienced in MR, including all clinical applications and performing procedures.
3. At least 7 yrs. of experience in the medical industry.
4. Ability to work independently as well as within a team.
5. Customer contact experience in various situations.
6. Ability to travel 10-20% of the time
7. Experience in communicating scientific data (talks, posters, papers).
8. Teaching ability: present complex material while maintaining a professional image.
9. Familiar with the relevant GE Healthcare MRI product range, and clinical optimization.
10. Creative, flexible and well organized

Desired Characteristics
1. Advanced degree (Bachelors or Masters)
2. At least 10 yrs. experience in the medical industry
3. Application experience
4. X-ray, CT, or NM experience
5. Previous GE Healthcare experience
6. Competitive experience

** Please connect with Allison direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3217309 **
Position Title: Clinical Solutions Product Manager, MR
Hiring Manager: Jason Polzin (jason.Polzin@med.ge.com)
Location: Waukesha, WI - US

Role Summary
The Clinical Solutions Product Manager, MR, is responsible for defining end to end clinical solutions determined by market needs.

Essential Responsibilities
Duties include (but are not limited to):
1. Define comprehensive clinical solutions encompassing workflow, automation, coils, acquisition, reconstruction, post-processing, and reporting.
2. Identify disease trends, reimbursement changes, competitive gaps, and market opportunities in each clinical area for the global market and develop clinical solution strategy accordingly.
3. Develop deep understanding of customer needs with input from regions and marketing as well as direct customer interaction ensuring “voice of customer” is captured.
4. Define business case including, sales projections, clinical volumes.
5. Work with the clinical leaders to define the product clinical solutions roadmap and plans for each clinical area, neurology, cardiology, orthopedics, body, and oncology applications.
6. Identify high priority clinical solutions and work cross functionally to drive new product introduction.
7. Understand clinical care pathway and work across modalities/businesses to create comprehensive solutions.
8. Define and lead appropriate market segmentation and positioning strategies for the defined clinical solution. Identify target market(s) for Product Models & Offerings.
9. Work with the clinical leaders and research managers to define and execute post-market research studies to generate clinical evidence that improves value proposition.
10. Identify and work with third party partners to augment GE offering.
11. Partner with Marketing to develop go to market strategy.
12. Responsible for wing-to-wing product lifecycle including the install base, sales volume, customer satisfaction, CSOs, and financial planning/investments.
13. Ensure compliance with quality systems, regulatory requirements, and commercial change process.

Qualifications
1. Bachelor’s Degree in Marketing, Engineering, Business Administration or related field
2. 8+ years’ experience in product marketing, product development, or related field
3. Prior experience in a leadership role with direct reports
4. Excellent oral and written communications skills
5. Strong analytical and process skills
6. Strong project management skills
7. Ability to work effectively within a matrix environment

Desired Characteristics
1. MBA, Master’s, PhD degree in Marketing, Business Administration or related field
2. 10+ years’ experience in product marketing, product development or related field
3. Deep Product Management/Marketing expertise, including: market trends/analysis, NPI process, product roadmap development, product lifecycle management,
4. Healthcare product/industry/technical acumen
5. Leadership skills to lead teams and shape/lead growth vision and marketing strategy
6. Innovation – develop new ideas through collaboration and execute on creative ideas
7. Team oriented – ability to motivate and work well with diverse, cross-functional teams
8. Proven ability to work globally
9. Proven ability to influence and negotiate internally and with customers.
10. Neurology and/or Oncology experience

** Please connect with Jason direct if you would like to discuss further - or - Apply at: http://www.ge.com/careers - Search by Vacancy #: 3220307 **
**Position Title:** Development Engineer - MR Image Reconstruction  
**Hiring Manager:** Allison Garza  
( allison.garza@ge.com)  
**Location:** Bangalore - India  

**Role Summary**  
As part of a small, passionate team of experts, you will be a part of developing new and improved reconstruction algorithms that open up the capabilities of our MR system today. Your objective will be to build upon our current reconstruction methods as well as innovating in new domains within this space. This position will directly impact healthcare diagnostic imaging by providing a new accessible MRI system that meets the needs of many emerging markets.

**Essential Responsibilities**  
You will be responsible for programing a feature and or a small feature set. You will contribute to the team and work with direction from the Senior Team Members or management but work independently. Duties include (but are not limited to):

1. Own and deliver on critical features within the Gaussline MR technology roadmap  
2. Contribute to the teams Deep Learning reconstruction development methodologies  
3. Develop high performing, scaling and innovative solutions to the MR image reconstruction pipeline  
4. Collaborate with a cross functional team of software engineers, data scientist, and pulse sequence designers to implement solutions that are aligned with the development of a new accessible MRI system  
5. Apply research principles to your development to ensure that we are consistently benchmarking against the industry and novel solutions being developed in this space

**Qualifications**  
1. Bachelor’s Degree in Computer Science or in “STEM” Majors (Science, Technology, Engineering and Math)

**Desired Characteristics**  
**Technical Expertise:**
1. A minimum of 2 years of professional experience (include technical skill)  
2. Experience developing software applications in C++ and Python  
3. Experience with Artificial Intelligence and Deep Learning development methodologies  
4. Experience with DL application tools such as TensorFlow and its equivalents

**Business Acumen:**
1. Have a strong mindset to constantly keep the customer first – Ultimately they will determine our success  
2. Has the ability to break down problems and estimate time for development tasks  
3. Has the ability to make basic technology choices based on experience  
4. Demonstrates awareness about competitors and industry

**Leadership:**
1. Has the ability to take ownership of small tasks and deliver without supervision while using their discretion to seek help when necessary  
2. Voices opinions and presents clear rationale. Uses data or factual evidence to influence  
3. Recognizes collaborative behavior and participates in collaborative activities

**Please connect with Allison direct if you would like to discuss further -or- Apply at: [http://www.ge.com/careers](http://www.ge.com/careers) - Search by Vacancy #: 3278206 **
Position Title: Global MR Clinical Training Leader, Clinical Applications
Hiring Manager: Allison Epstein (allison.epstein@ge.com)
Location: Waukesha, WI - US

Role Summary
This role is responsible for training our internal MR clinical education specialists for focused clinical solutions. He/she will create a structured curriculum with established competencies in focused clinical areas by providing regular training sessions for new specialists as well as refresher training for existing specialists. This individual is also responsible for ensuring delivery of training on new product features, functionality, and communication of benefits and clinical value.

Essential Responsibilities
Duties include (but are not limited to):
1. Works with product development team and Global MR Clinical Training Program Manager to scope learning requirements and objectives for new features and enhancements
2. Identifies and consolidates clinical training needs / gaps within the clinical applications organization
3. Develops, organizes, and executes hands-on training courses for clinical applications specialists on MR and post-processing new product features / benefits / clinical value propositions for focused clinical solutions
4. Creates clinical learning objectives and testing strategies to assess transfer of knowledge for focused clinical applications
5. Identifies trends within focused clinical applications, including best in class protocols across the portfolio
6. Coordinates with MR marketing application manager and MR Applications & Workflow managers to adopt and integrate key-product messaging and clinical claims into clinical training material of the portfolio
7. Develops basic, intermediate and advanced competency level—establishing competencies for each level
8. Coordinates quarterly training sessions for global focused clinical area hands on training session
9. Establishes global, best-practice sharing through peer-to-peer clinical marketing operations Mechanisms
10. Works in close collaboration with Global MR Clinical Training Program Manager to provide consistency in an overarching training strategy

Qualifications
1. Certified Radiologic Technologist (ARRT) or global equivalent.
2. Highly experienced in MR, including all clinical applications and performing procedures.
3. Subject Matter Expert (SME) in a specific clinical area, i.e. Neuro, MSK, Body and/or Cardiac
4. At least 7 yrs. of experience in the medical industry.
5. Ability to work independently as well as within a team.
6. Experienced teacher and educator, ability to present complex material in a clear and concise manner.
7. Familiar with the relevant GE Healthcare MRI product range, and how to optimize clinically.
8. Creative, flexible and well organized.

Desired Characteristics
1. Advanced degree (Bachelors or Masters)
2. At least 10 yrs. experience in the medical industry
3. Application experience
4. Previous GE Healthcare experience

** Please connect with Allison direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3253210 **
Position Title: Global MR Clinical Training Program Leader, Clinical Applications  
Hiring Manager: Allison Epstein (allison.epstein@ge.com)  
Location: Waukesha, WI - US

Role Summary  
This role is responsible for ensuring best in class training of our internal clinical education specialists. He/she is responsible for developing the overarching strategy for MR clinical education that aligns with our holistic precision medicine solutions. The process will ensure uniform training processes and competency for the MR portfolio offerings. The program leader will work closely with a small team of clinical training leaders each of whom are responsible for unique clinical areas.

Essential Responsibilities  
Duties include (but are not limited to):
1. Responsible for ensuring delivery of training on new features, functionality, and communication of benefits and clinical value, working closely with global and regional marketing managers to adopt and integrate key-product messaging and clinical claims into training material.  
2. Responsible for training of the GE global MR education specialists on new product releases, legacy applications, existing product training and clinical workflows.  
3. Develop, organize, and execute hands-on training courses for new product introductions including features, benefits, and clinical value.  
4. Partner closely with a team of clinical training leaders each of whom are responsible for specific clinical areas to ensure consistency of training across various clinical areas.  
5. Work with product development program team to ensure successful planning and execution of clinical applications training as part of the pilot process all the way through the final product release.  
6. Create clinical learning objectives and testing strategies to assess transfer of knowledge for internal clinical education specialists.  
7. Develop on-boarding training curriculum in conjunction with regional clinical education manager for newly-hired clinical applications specialists and hold quarterly training.  
8. Manage the MR Clinical Education portal as the global community landing spot for all clinical apps training content.  
9. Explore new digital training delivery models for on demand content delivery.

Qualifications  
1. Certified Radiologic Technologist (ARRT) or global equivalent.  
2. Highly experienced in MR, including all clinical applications and performing procedures.  
3. At least 7 yrs. of experience in the medical industry.  
4. Ability to work independently as well as within a team.  
5. Experienced teacher and educator, ability to present complex material in a clear and concise manner.  
6. Familiar with the relevant GE Healthcare MRI product range, and how to optimize clinically.  
7. Creative, flexible and well organized.  
8. Prior experience in project leadership

Desired Characteristics  
1. Advanced degree (Bachelors or Masters)  
2. At least 10 yrs. experience in the medical industry  
3. Application experience  
4. Previous GE Healthcare experience

** Please connect with Allison direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3253226 **
Position Title: Lead MR Applications Engineer  
Hiring Manager: Sheila Washburn  (Sheila.Washburn@med.ge.com)  
Location: Waukesha, WI - US

Role Summary
The Lead MR Applications Engineer serves a key technical role within the MR Applications & Workflow team to translate the pipeline of advanced clinical MR application prototypes into product-quality solutions by developing state-of-the-art enabling software technology, with a focus on advanced software (pulse sequence, reconstruction, host) and artificial intelligence methods that form the basis for the next-generation Intelligent MR Scanner.

Essential Responsibilities
Duties include (but are not limited to):
1. Work with a cross functional team of engineers, scientists, clinical managers and product owners to translate high-level MR application and workflow product needs that demand new software capabilities into component-level requirements
2. Work as an embedded member of a software Engineering team in the Agile scrum team framework to help deliver new applications feature content prioritized by programs. Develop and integrate software components into the system in accordance with the software development policies and procedures
3. Application design, implementation, and feasibility testing in a clinical environment
4. Transform prototype applications into product-quality components by optimizing for image quality, processing speed, re-use, and software lifecycle management
5. Develop and integrate software components into the system in accordance with the software development policies and procedures
6. Document requirements, designs, verifications and other key development activities in accordance with established GE Healthcare and local quality processes;
7. Anticipate and define MR software infrastructure requirements of pre-NPI and advanced technology development (ATD) applications in development by the extended team; help to design and build enabling software components to retire clinical and technical risk as early as possible in the development cycle

Qualifications
1. Master’s Degree in an engineering or science field such as Electrical Engineering, Biomedical Engineering, Computer Science, Applied Math or Physics.
2. Three Years of relevant industry experience (Medical Imaging, Image Processing application development preferred).
3. Experience with MR pulse sequences/acquisition techniques and K-space sampling and reconstruction strategies used by various clinical applications. Experience with MR reconstruction processing pipeline
4. Demonstrated experience in MR research and development
5. Experience in software platform, advanced applications, user-interface development and/or systems engineering
6. Experience in Object Oriented Design and Development, C++, and Java
7. Demonstration of strong analytical, problem solving, and team work skills.
8. Familiarity with industry software development lifecycles, development environments and tools.
9. Excellent English language communication skills

Desired Characteristics
1. Ph.D. Degree in an engineering or science field such as Electrical Engineering, Biomedical Engineering, Computer Science, Applied Math or Physics.
2. Familiarity with GE EPIC Pulse Sequence Development environment and GE Orchestra Reconstruction environment.
3. Knowledge of emerging Non-Cartesian Acquisition/Reconstruction Techniques, motion correction techniques and MR image artifacts will be an added plus.
4. Experience working with C++ and Python IDEs – e.g. : Eclipse, Visual Studio, XCode & PyCharm
5. Strong experience with source control tools (Perforce & Git)
6. Strong analytical and problem-solving skills and demonstrated team work skills
7. Can-do attitude, self-driven, flexible, intellectually curious, willingness to learn new skills and take on new challenges to meet business goal
8. Strong collaboration skills and ability to thrive in a dynamic environment.
9. Experience with High Performance Compute or GPU technologies.
10. Experience in Machine Learning development libraries such as TensorFlow and Keras.
11. Familiarity or experience with Agile software development method
12. Experience developing software for Linux, Windows, and Mac

** Please connect with Sheila direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3226905 **
Position Title: Lead PSD/Applications Engineer
Hiring Manager: Wei Sun (Wei.Sun@med.ge.com)
Location: Waukesha, WI - US

Role Summary
The MR Pulse Sequence/Applications Engineer is a key technical role within MR engineering team. This position works closely with Marketing, customers, internal/external researchers, and engineers to develop new MR clinical applications.

Essential Responsibilities
Duties include (but are not limited to):
1. Developing new pulse sequence/application features by working with Marketing, customers, internal/external researchers, and engineers
2. Working with cross-functional groups in requirements gathering for new applications
3. Pulse-Sequence Design, implementation, and feasibility testing in a clinical environment
4. Statistical/quantitative analysis to improve software quality

Qualifications
1. Masters degree in Biomedical Engineering, Medical Physics or related discipline
2. 3 years relative work experience or relative research experience (including Ph.D training) in graduate school
3. Unix, software development skills in C
4. Experience in Object Oriented Design and Development, C++, and Java
5. Strong understanding of physics and modality imaging fundamentals

Desired Characteristics
1. PhDs degree in Biomedical Engineering, Medical Physics or related discipline
2. Experience with GE Signa EPIC programming language
3. Excellent interpersonal and communication skills
4. External focus. Understands the customer and market and is able to translate the opportunities into concrete actions

** Please connect with Wei direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers -Search by Vacancy #: 3204241 **
**Position Title:** Lead RF Coil Engineer  
**Hiring Manager:** Susan Mathew  
([Susan.Mathew@ge.com](mailto:Susan.Mathew@ge.com))  
**Location:** Waukesha, WI - US

**Role Summary**  
This role within Magnetic Resonance Imaging understands the function and design of RF circuits, electronics, antennas and their application in the design of high power Body Transmit/Receive coil and low power receive only coils. (S)he is experienced in the implementation of RF designs to optimize cost, manufacturability, reliability and serviceability of the final product. This engineer would develop new component and product designs as well as own and maintain existing installed base products.

**Essential Responsibilities**  
Duties include (but are not limited to):
1. Design high power and low power RF electrical components and interconnects
2. Engage in all phases of new product development, including concept, architecture, documentation, design, prototype, test, product cost, supplier interfaces, manufacturing introduction and service support.
3. Work closely with cross-functional teams to ensure product performance, quality and reliability.
4. Use RF and EM (electromagnetic) simulation/design tools to ensure robust and efficient product design.
5. Own and maintain existing installed base products.
6. Solve complex and ambiguous problems. Perform trouble shooting (at bench level and system level) encompassing multiple variables to achieve root cause analysis and problem resolution. Recommend design and conduct experiments and diagnostic tests, as required to draw conclusions and solutions.
7. Develop robust designs for new or existing products that can be produced economically and according to established project timelines
8. Broad influence over large multi-disciplinary and/or cross-functional teams
9. Leverage their technical depth to work on business initiatives aimed at driving technology harmony, innovation, process convergence and/or quality excellence for a particular product line
10. Drive design evolution across multi-generation product releases
11. Act as activity leader of department activities within a project (time-plan, resource needs, status reports, cost monitoring, resource usage, technology requirements, etc.)
12. Provide mentoring and coaching to develop technical talent.
13. Maintain and develop competence required for the job

**Qualifications**
1. Bachelors with 5 + years relevant work experience or Master’s Degree with 3 years relevant work experience (or Ph.D. Degree) in Engineering: Biomedical Engineering, Electrical Engineering or a closely related field.
2. Demonstrated experience in RF design.
3. Experience with RF Circuit and Electro Magnetic (EM) simulation tools

**Desired Characteristics**
1. Good understanding of Magnetic Resonance Imaging fundamentals, RF Coil design and electromagnetics.
2. Excellent teamwork, coordination and communication skills
3. Ability to execute multiple-tasks simultaneously, and make tough decisions based on business objectives and goals.
4. Ability to meet aggressive reliability, performance, cost, serviceability, and delivery targets
5. Demonstrate an ongoing effort to maintain knowledge of current technology
6. High proficiency to interpret and explain complex technical information.
7. Detail oriented
8. Creative problem solver and solution developer when presented with conflicting requirements, business demands and technical risks/issues
9. External focus - Understand the customer and market and the ability to translate the opportunities into concrete actions.
10. Six Sigma Green Belt/Black Belt Certified

**Please connect with Susan direct if you would like to discuss further -or- Apply at: [http://www.ge.com/careers](http://www.ge.com/careers) - Search by Vacancy #: 3248518 **
Position Title: MR Clinical Development Specialist  
Hiring Manager: Maggie Fung  (maggie.fung@med.ge.com)  
Location: 3 Openings: Boston, MA; Baltimore, MD / Philadelphia, PA; Chicago, IL - US

Role Summary
This role provides industry leading advanced applications support for the development of Magnetic Resonance scanners and applications. The primary responsibility of this specialist is to act as clinical “voice of the customer”, work with engineers and clinical specialists from concept phase to product life cycle to ensure that our solutions meet the customer requirements, clinical and technical risks are retired prior to NPI cycle with external evaluation and extensive testing.

Essential Responsibilities
Duties include (but are not limited to):
1. Providing clinical support for the development of Magnetic Resonance Imaging products.
2. Working with global engineering on end to end solutions by providing clinical input from customers.
3. Applying knowledge of clinical MR needs to guide definition and development of new imaging and post-processing techniques.
4. Evaluating performance and quality of features throughout the development process by designing protocols, traveling to partner sites for installation and testing.
5. Supporting sites in identified Academic Regions along with facilitating evaluation of WIP packages in partnership with Global MR Business
6. Assisting with customer complaints, investigations, and ultimately offer product solutions.
7. Developing (clinical) competitive intelligence to support the field with counter arguments and selling advantages.
8. Supporting conferences, symposiums, customer seminars and internal training events.
9. Ensuring high quality MR training is delivered to the field applications teams and sales/marketing team.

Qualifications
1. Certified Radiologic Technologist (ARRT) or global equivalent
2. Min. of 5 years’ experience in MR, including all clinical applications and performing procedures
3. Experience interacting with customers in various situations
4. Ability to present complex material to diverse audiences
5. Ability to work well independently and as part of a team
6. Creative, flexible and well organized
7. Must be willing to work in the identified Academic Region: 1 Boston, 1 Baltimore/Philly, and 1 Chicago
8. Ability to travel 10-20% of the time

Desired Characteristics
1. Advanced degree (Bachelors or Masters)
2. At least 10 yrs. experience in the medical industry
3. Applications experience
4. X-ray, MR, CT, or NM experience
5. Previous GE Healthcare experience
6. Familiarity with the relevant GE Healthcare MRI product range, and clinical optimization
7. Competitive experience

** Please connect with Maggie direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3206310 **
**Position Title:** MR Power Sub-system Design Leader  
**Hiring Manager:** Allison Garza  
**Location:** Bangalore - India

**Role Summary**
Design and develop Power Electronics Sub-systems for an affordable and accessible MRI system that leads to increased clinical bandwidth for first-time buyers of MRI equipment. Provides design to Cost Solution with optimized performance.

**Essential Responsibilities**
Duties include (but are not limited to):
1. Own Power Electronics Sub-system requirement flow down, design specifications as well as the design & development of Power Distribution & Gradients Modules for an Access-oriented MRI system to serve ACP segment customers
2. Own system- Power subsystem integration, testing and verification for clinical
3. Deploy DFSS & Lean methodologies to make the right tradeoffs to ensure design to cost and Power Subsystem performance by establishing proper system- subsystem interaction leads to acceptable product quality and reliability
4. Work closely with internal, external collaborators, development team and suppliers to make iterative improvements to the prototypes to retire/abate technical/clinical risks and drive adoption of new concepts

**Qualifications**
1. Master’s or equivalent in Electrical Power Engineering or relevant industrial experience of 10 years
3. Design to Cost Expertise: Demonstrable technical acumen to develop systems& sub-system designed to cost and solving prioritized clinical problems
4. Systems Engineering: Define and drive the development of MR hardware considering various module interactions ensuring compliance, product quality and reliability
5. Technical Acumen: Define and develop Power system design that meets customer requirements while maintaining acceptable clinical and technical risks

**Desired Characteristics**
1. Familiarity with Radiology and Imaging clinical workflows
2. Experience with MRI hardware, system development
3. Experience in leading various Analog, RF and Mixed Signal design in prior roles
4. Can-do attitude, flexible, intellectually curious

**Please connect with Allison direct if you would like to discuss further -or- Apply at:** [http://www.ge.com/careers](http://www.ge.com/careers)  
Search by Vacancy #: 3231699 **
Position Title: RF Design Engineer  
Hiring Manager: Kai Wang (kai.wang@ge.com)  
Location: Beijing - China

Role Summary
An RF Design Engineer learns the practical application of engineering principals, achieves expertise in RF Engineering, and investigates new techniques as part of a team. The RF Design Engineer is responsible for designing RF subsystem solutions.

Essential Responsibilities
Duties include (but are not limited to):
1. RF related Product design & development under design control process (Example: PA, LNA, TR Switch, Hybrid, Filter...)
2. Engaging in all phases of new product introduction, including concept, architecture (Sr. Electrical Engineer or LP-Band applicable), documentation, design, prototype, test, supplier interfaces, manufacturing introduction and service support
3. Identifying and developing new opportunities to leverage Strategic Sourcing objectives and Common Technology initiatives in the MR Product line
4. Ensuring reliability, performance and delivery through supplier relationships
5. Technical support to other function.

Qualifications
1. BS in Microwave, Communication or Electrical Engineering or equivalent experience
2. 3 years engineering experience in RF related field
3. Familiar with RF testing equipment (SPA, ESG, VNA, NFA, Power Meter...)
4. Familiar with RF circuit design and testing
5. Familiar with RF Design and simulation Tools (ADS, HFSS...)

Desired Characteristics
1. MS or PhD in Microwave, Communication or Electrical Engineering or equivalent experience
2. Demonstrated technical leadership capability in integration activities
3. Self-starter, energizing, results oriented, and able to multi-task
4. Excellent teamwork, coordination and communication skills
5. Ability to meet aggressive reliability, performance, cost, serviceability, and delivery targets
6. Effective oral and written communication skills
7. Global project experience
8. Working experience with PWA/PWB and subsystem design techniques for thermal analysis and
9. EMC Circuit design experience
10. Knowledge of UL/ETL/IEC standards and how they apply to designs
11. Working knowledge of GEHC tools and processes MWS, Cadence

** Please connect with Kai direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3221856 **
Position Title: Senior Software Engineer, MR Reconstruction
Hiring Manager: Jeff Voskuil (Jeffrey.Voskuil@med.ge.com)
Location: Waukesha, WI - US

Role Summary
The Reconstruction team within GE Healthcare’s Magnetic Resonance division develops state of the art high performance compute technology and the algorithms necessary to create diagnostic quality MR images. As a software engineer in this team, you will collaborate cross-functionally with a global team of engineers and scientists to develop MRI applications and enhance the enabling software platform.

Essential Responsibilities
Duties include (but are not limited to):
1. Work with a cross functional team of engineers, scientists and applications experts to translate high level MR application needs that demand new reconstruction capabilities into component-level requirements.
2. Design and implement solutions to complex data management and distributed processing software problems in the reconstruction platform domain in accordance with established software development practices and processes.
3. Plan and perform integration activities at component, sub-system and system levels. Document designs and verification activities; perform component & subsystem level verifications, participate in system level verifications and validations as necessary.
4. Facilitate the use of the latest tools, techniques and development environments that enhance team productivity, share best practices with other software engineering groups within GE Healthcare.
5. Understand research and industry trends in the area of MR reconstruction and MR image processing applications.
6. Support and train MR scientist in the development and research of advanced reconstruction techniques.
7. Interact with global teams to promote consistency and maximize synergies across common software platforms.
8. Design and build strong testing infrastructure to minimize dependency on hardware availability.
9. Leverage DFR for software, Agile and Lean software development methodologies to drive reliability upstream into the product development life cycle

Qualifications
1. Bachelor’s Degree in Computer Science, Electrical Engineering or related computer field or Bachelor’s Degree and 5 years of technical experience in the software development or equivalent
2. 5 years’ experience developing software for complex systems or computerized products
3. Software development cycle or automated testing experience
4. Experience in object oriented design methodology and various programming languages, including C/C++ and Java
5. Working knowledge in configuration management tools
6. Familiarity or experience with Agile software development method

Desired Characteristics
1. Master’s Degree in Computer Science, Engineering or related computer field
2. Experience in software platform, advanced applications, user-interface design and/or systems engineering
3. Experience in platform and application development
4. Experience working with C++ and Python IDEs (Eclipse, CLion, Visual Studio, XCode, PyCharms)
5. Strong experience with source control tools (Perforce & Git)
6. Software development experience in the Medical Device Industry, knowledge of applicable standards and regulations.
7. Familiarity with C++14 standard and other advanced C++ concepts: templates, smart pointers, thread-local storage, etc.
8. Familiarity with Medical Image Reconstruction. (CT or MRI areas will be an added plus).
9. Strong collaboration skills and ability to thrive in a dynamic, global environment.
10. Experience with High Performance Compute or GPU technologies.
11. Experience in Machine Learning development libraries such as TensorFlow and Keras.
12. Experience developing software for Linux, Windows, and Mac
13. Working knowledge of GE’s reconstruction development kit (Orchestra)

** Please connect with Jeff direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers
Search by Vacancy #: 3242065 **
Position Title: Protocol Jumpstart Leader - MR
Hiring Manager: Ron Egan (Ronald.Egan@ge.com)
Location: US (flexible location)

Role Summary
Responsible for optimizing existing protocols, both competitive and GE, from customers purchasing new systems to improve the system turnover experience. Act as the clinical/technical expert in conjunction with the Account Teams to convert existing protocols to a new MR platform and work directly with new users, both Radiologists and Technologists, to fully optimize their most commonly used protocols.

Essential Responsibilities
Key responsibilities include (but are not limited to):
1. Work with the assigned regional and zone MR sales leaders and account teams to identify targets for this program and understand expectations
2. Work directly with the applications team to ensure an effective new system turnover
3. Convert existing competitive and older GE protocols to the new MR software platform
4. Collaborate with Marketing resources to create a library of MR “Images of Excellence” that reflect our key clinical strengths by platform
5. Support the USCAN MR sales team with image distribution as needed, by system
6. Demonstrate to new users optimization techniques and tips on the most current GE MR platform
7. Lead Protocol Jumpstart sessions, including, but not limited to: live scanning with newly converted protocols, real-time optimization of said protocols with Radiologist and Technologist feedback, clear focus on introduction and utilization of new software techniques into existing protocols.

Qualifications
1. Associates' Degree and minimum 3 years of MRI technologist experience in field including a significant MRI system operation component with GE MRI scanners, a bachelor’s Degree or minimum 5 years of selling experience in a medical, healthcare or technical field (e.g. biomedical engineering, medical physics) or Life Sciences field.
2. Previous experience in the Healthcare Industry
3. Strong ability to interface with both internal team members and external customers as part of solutions based sales approach
4. Excellent ability to develop and build rapport at all levels within an organization
5. Strong team player
6. Excellent verbal and written communication skills in local language as well as good command of English
7. Strong presentation skills with excellent ability to demonstrate clarity and confidence in GE MR

Desired Characteristics
1. Post graduate degree in physics or related technical/engineering disciplines
2. 5-10 years of experience as a MR registered radiologic utilizing both 3T & 1.5T GE MRI scanners.
3. Operational experience in MRI department or Outpatient Imaging Center (OIC).
4. Strong training skills and ability to learn quickly
5. Medical device sales experience preferred

** Please connect with Ron direct if you would like to discuss further -or- Apply at: http://www.ge.com/careers - Search by Vacancy #: 3178887 **
**Position Title:** Manager, Musculoskeletal MR Applications  
**Hiring Manager:** Anja Brau (Anja.Brau@med.ge.com)  
**Location:** Preferred: Waukesha, WI. NY or CA possible. - US

**Role Summary**  
This role is responsible for leading a global team of musculoskeletal (MSK) MR scientists and clinical experts in developing a pipeline of new solutions to address the clinical MSK imaging needs. Responsible for coordinating the activities of MSK team members, often in collaboration with academic research partners or other GE colleagues, to develop and validate new MSK magnetic resonance imaging applications, and for driving the translation of these new applications into product solutions.

**Essential Responsibilities**  
Duties include (but are not limited to):
1. to define GE Healthcare’s roadmap & development strategy in MSK MR  
2. to coordinate and prioritize the activities of the global MSK MR team  
3. to represent GE Healthcare within the MSK MR community in discussions with customers, research collaborators, 3rd parties, and relevant societies  
4. to identify and foster external research and clinical collaboration opportunities to meet strategic aims  
5. to engage in MSK customer satisfaction opportunities and support for installed base  
6. to be an internal advocate for MSK MR priorities  
7. to work with engineering to put new MSK solutions into product  
8. to stay abreast of and anticipate MSK imaging trends  
9. to work with GE marketing to provide MSK collateral materials

**Qualifications**  
1. Ph.D. in Physics, Biomedical Engineering, Electrical Engineering, or related field  
2. 5 years experience in MR imaging research or closely-related healthcare field  
3. 5 years experience of industrial development/R&D  
4. Strong English language oral and written communication skills  
5. Willing to travel up to 20% of time  
6. Experience as a project manager or section manager  
7. Good network in MRI community  
8. Ability to work effectively with diverse stakeholders  
9. Ability to influence and collaborate effectively across a global organization

**Desired Characteristics**  
1. Demonstrated record of innovation in MR physics research, development of new pulse sequences, reconstruction methods, or applications of MR imaging  
2. Good technical knowledge in MSK MRI  
3. Good managerial and leadership skills; clear thinking and execution oriented  
4. Good ability to motivate and engage with others  
5. Previous experience with GE MR scanners

**Please connect with Anja direct if you would like to discuss further -or- Apply at:** http://www.ge.com/careers - Search by Vacancy #: 3277779 **