About ViewRay

ViewRay®, Inc. (Nasdaq: VRAY) designs, manufactures, and markets the MRIdian® radiation therapy system. MRIdian is built upon a proprietary high-definition MR imaging system designed from the ground up to address the unique challenges and clinical workflow for advanced radiation oncology. Unlike MR systems used in diagnostic radiology, MRIdian’s high-definition MR was purposely built to deliver high-precision radiation without unnecessary beam distortion, and consequently, help to mitigate skin toxicity and other safety concerns that may otherwise arise when high magnetic fields interact with radiation beams.

At ViewRay, our vision is clear. We’re dedicated to giving doctors new and better ways to treat cancer with radiation therapy.

We’re an entrepreneurial company with big ambitions, unlimited potential, and a passion for improving the lives of patients with cancer. We’re always on the lookout for talented people who share our commitment and values. Contact us if you’re enthusiastic about working with a close-knit team and motivated by the prospect of making a difference.

The Vision for Success

We are looking for a highly-motivated MRI Engineer to join our growing team at ViewRay. The successful candidate must have a strong background in MRI pulse sequence development and is passionate about improving the treatment paradigm for patients with cancer.

This individual thrives when combining their deep knowledge of MR physics theory with their practical experience in medical device development to drive real patient impact.

This individual will join a cross-functional team of MRI Engineers, Software Engineers, and Clinical Engineers and will have direct impact on how the patients of the future receive adaptive radiotherapy.

Key responsibilities include:

- Design and implement new MRI features (pulse sequence and image reconstruction methods) through close partnership with Product Management, Software Engineering, and Clinical teams.
- Investigate and resolve image artifacts and MRI software defects through root cause analysis and solution implementation.
- Provide technical expertise to troubleshoot field escalations and manufacturing improvements.
- Independently solve problems, and drive development projects to completion.
- Develop MRI design verification test cases, and execute formal testing. Author technical reports, use cases, software design documents, and test specifications.

The Value you Will Bring
• Experience developing imaging techniques for whole body MRI scanners.
• Ph.D. in Biomedical Engineering, Medical Physics, Applied Math, Computer Science, or related field. In lieu of Ph.D., Masters with 2-3 years of industry experience in developing MRI pulse sequence and image reconstruction methods.
• Pulse programming experience (Siemens IDEA environment preferred).
• Experience modeling and prototyping new imaging techniques.
• Proficiency with C/C++ programming.
• Experience with Matlab, Python or similar scientific computing language.

Bonus Points

• Image reconstruction development experience (Siemens ICE environment preferred).
• Experience with human imaging in a clinical or development environment.
• Experience with MR imaging protocols optimization.
• Experience in radiation therapy or image-guided treatment delivery systems.

Why you’ll see yourself here

At ViewRay, our teammates have the opportunity to challenge your mind and capture your hearts, by changing the standard of care in radiation therapy.

Plus, we offer great benefits, including:

• Health, dental, and vision insurance that begins on your first day of employment
• 401(k) plan with company match and immediate vesting period
• Generous paid time off and flexible schedule
• Office stocked with snacks, drinks, and occasional catered meals
• Fun collaborative team with quarterly social events

ViewRay is an EEO employer.

Online application at http://www.viewray.com/careers?gnk=job&gni=8a78839f81b199830181d3dcf6617732&gns=Internal%20Applicant