Company Profile

Hyperfine (NASDAQ: HYPR) is the groundbreaking MedTech company that created Swoop, the world’s first FDA-cleared portable magnetic resonance imaging (MRI) system capable of providing neuroimaging at the point of care. Our mission is to transform patient care by creating access to life-saving diagnostics and actionable data at the point of care.

Today, eighty percent of the world’s population lacks access to MRI. Hyperfine is on a mission to address the limitations of current imaging technologies and make MR imaging accessible anytime and anywhere.

Do you have a background in magnetic resonance imaging, deep learning, electrical engineering, physics, or related fields? What about health equipment sales, business development, or marketing? Hyperfine lives and works on the cutting edge of medical imaging accessibility. If you enjoy a challenge as much as you value a committed workplace, we could be the next step in your rising career.

Job Title: Staff Scientist, Sequence Developer

Location: Guilford, CT (onsite)

SUMMARY:

Magnetic Resonance Imaging (MRI) Sequence Developers develop code and algorithms for imaging, contrasts, signal processing, and image reconstruction. Additionally, sequence developers are involved in new system development, testing, manufacturing, quality assurance, and hardware integration.

RESPONSIBILITIES:

- Drive the development and integration of new hardware, including troubleshooting hardware, writing test code and optimization.
- Developing, building, maintaining, regulating, and troubleshooting MRI systems.
- Invent and/or source new sequence, signal processing, and image reconstruction methods that help the company’s mission.
- Improve imaging and manufacturing sequences and code architecture.

KNOWLEDGE AND SKILL:

- Demonstrated track record of self-driven, innovative work, including publications and/or patents in MRI (or related field), and especially as it relates to hardware.
• Ability to drive and execute a technical development project to meet company goals and timelines.
• Ability to write, execute, test, and evaluate code.
• Ability to work in a collaborative, cross-functional scientific and software development environment.

EDUCATION/EXPERIENCE REQUIRED:

• PhD in physics or related field (or equivalent)
• 5+ years’ experience developing MRI pulse sequences, general image reconstruction methods, signal processing methods, numerical algorithms, or software.
• Experience developing NMR or MRI hardware, or other similarly complex RF or electronics.
• Proficiency in NMR physics.
• Proficiency in Python or similar language.

PHYSICAL DEMANDS:

• Must be able to write, execute, test, and evaluate code.
• Must be able to create and evaluate technical developments and features within a scientific process.
• Must be able to be present physically for a regular 40-hour work week.

Applicants must be authorized to work for ANY employer in the U.S. We are unable to sponsor or take over sponsorship of any employment Visa at this time.

If you wish to apply for this position, please go to:  
https://hyperfine.io/careers/?gh_jid=4965819004

For additional information, please reach out to cgawronski_te@hyperfine.io