The next evolution of MRI is here!

Neuro42 is a Bay Area startup developing point-of-care MRI and robotics for diagnosis and interventions of neurological conditions. Our vision at neuro42 is to arm neurophysicians with the finest in visualization and guidance technologies to provide best-in-class treatment solutions for their patients.

Join our team as an **RF Engineer**.

The RF Engineer will be an individual with considerable coil design knowledge, motivated to develop this unique technology to help the neurological community impact patients’ lives.

**Main Responsibilities:**

- Design low frequency RF transmit and receive coils for magnetic resonance imaging
- Brainstorm new concepts to design next generation of MRI coils
- Construct designed coils with appropriate non-magnetic components that are capable of handling high power transmission and achieving the desired resonance frequency.
- Simulate new coil designs using available simulation tools
- Has knowledge of MRI industry, is aware of the competition, and can use that knowledge to differentiate us in the market

**Minimum Qualification:**

- Master’s degree in Electrical Engineering, Biomedical Engineering, Physics, or closely related field
- Understands the function and design of RF circuits, RF electronics, antennas, and their applications for MR Transmit/Receive coils
- Experience with RF coil design for MRI
- Able to interpret technical documentation and schematics (electrical, wiring, and mechanical drawings)
- Creative and resourceful
- Excellent writing and presentation skills

**Desired Experience:**

- 2+ years of industry or research experience in RF design or circuit board design
- Experience with rapid prototyping or development, specifically for hardware components
- Experience performing test and evaluation activities, especially hardware elements/ factors
- Able to characterize and troubleshoot coil elements using a network analyzer
- Preferred experience with RF analog hardware (preamplifiers, electromagnetic coils, RF shielding, etc.)

If you are a motivated individual, looking to join a highly enthusiastic team that values integrity, teamwork and diversity in thought, neuro42 is where you want to be. A competitive salary, premium medical benefits, and the opportunity to be working on the most innovative technology awaits you. Apply today with your resume and a cover letter via hello@neuro42.com