

Industrial Designer

Location: London, Ontario

Salary: Highly competitive with share options

Apply to: info@xlr imaging.com

Industrial Designer

XLR Imaging is a developer/manufacturer of high performance Magnetic Resonance Imaging (MRI) RF Coils. We currently supply leading edge neuro-imaging and spectroscopy RF coil solutions to some of the top worldwide research institutions and hospitals. We have concurrently developed an impressive I.P. portfolio and supplemented it by licenses from internationally recognized research institutions. We are now developing a complete solution that addresses the unique workflow needs of the paediatric clinical MRI market. XLR Imaging has an exciting opportunity for an Industrial Designer with product development experience. Working with world-class MRI physicists, radiologists, MR Technicians and engineers, you will help improve paediatric imaging by designing next-generation RF coil and patient positioning technologies and systems. This is a great opportunity to get in on the ground floor and work in a high-growth potential company addressing the needs of an underserved market.

Responsibilities

- Contribute to the design-driven product development process with a focus on overall customer satisfaction.
- Develop design solutions from research to production.
- Actively contribute to problem solving for both early stage projects and more mature products.
- Perform hands-on prototyping, model building, and testing activities.
- Work with numerous team members to ensure that designs meet manufacturability, serviceability, and human interface requirements.
- Create and maintain relationships with manufacturing subcontractors.
- Effectively interact with patients, technicians, and radiologists in gathering design information throughout the product development process.
- Improve the design process by continually suggesting improvements to practices, methods, tools, and approaches.

Requirements

- A graduate with a Bachelor's Degree in Industrial Design or equivalent combination of education and experience.
- An Industrial Designer with relevant professional experience which includes medical device design. Experience with design for MRI is a valuable asset.
- Highly skilled in product design with an excellent eye for form and proportion with attention to detail.
- Highly skilled in human factors design with thorough familiarity of ergonomics and anthropometrics.

- Excellent with sketching and 2D visualization and are able to visually communicate complex ideas quickly and effectively.
- Experienced with manufacturing processes of plastic and metals especially with low-volume production methods. Skill and experience in designing for rigid and soft flex RF coils.
- Able to produce engineering detail and assembly drawings.
- Mechanically oriented. Mechanical engineering experience is an asset.
- Able to produce technical illustrations for use in user documentation and marketing material.
- Familiar with software user interface design.
- Experienced working with vendors and sub-contractors.
- Highly motivated and able to take ownership where appropriate.
- Able to work on several projects concurrently within aggressive timelines.
- Able to work well individually and as part of a cross-functional team.
- Able to travel occasionally.

Software Skill Requirements

- Highly skilled in SolidWorks with a minimum of six years 3D modeling experience of solid and surface geometry.
- Skilled in 2D design software including Adobe Illustrator and Photoshop.
- Competent with MS Office (Word, Excel, PowerPoint).