Job Specification :: Design Engineer Intern

Reporting to: Matt Foster, Design Manager

Table of Contents
1. Company profile
2. Position overview
3. Key responsibilities
4. Essential skills / experience
5. Desirable skills / experience
6. Competencies / personal attributes

Company profile
Neuromod Devices Ltd. (‘Neuromod’) is a venture-backed Irish medical device developer of a neuromodulation-based treatment of tinnitus, a debilitating condition commonly known as ‘ringing in the ears’. Tinnitus constitutes a significant unmet clinical need, affecting up to 1% of the global population and for which there are no proven effective treatments. Neuromod has recently begun the commercial roll-out of their CE-marked Lenire tinnitus treatment technology, following the successful conclusion of international multi-site phase II clinical trials. The company is now seeking to expand its R&D department to work on new and existing product lines.

The company provides its engineers with a stimulating working environment and opportunities to work on a variety of commercial and research projects as part of a small, motivated, cross-functional team.

Position overview
The successful candidate will aid in the development of new and existing product lines of Neuromod’s Lenire tinnitus treatment system. Specially they will get exposure to all aspects of design in a medical device company from broad concept work to design for manufacturing.

They will gain experience and insight into multiple phases of the product development life-cycle from initial concept work through to commercial release. Their efforts will contribute directly to relieving the suffering of the many millions of people worldwide whose lives are adversely affected by chronic tinnitus.

Key responsibilities
Working with the design and operations team on a number of projects in existing and new product lines. They will work with the design team on new packaging development as well as design improvements to optimise manufacturing processes.

They will be given their own internal design project to work on in tandem with their day to day duties.

Supporting effective design transfer from development to manufacturing.
Essential skills / experience
Experience in SolidWorks or 3D modelling software
Competent in Microsoft Suite.
Good knowledge of standard manufacturing processes.

Desirable skills / experience
Knowledge of the requirements for working within a regulated environment (biomedical research, automotive).
Experience working with Adobe software (e.g. Photoshop, illustrator, InDesign)
Keen interest in design.
Experience in user research

Competencies / personal attributes
Creative approach to problem solving
Eye for detail
Enthusiasm for the application and expansion of existing skills.

Application process
Trinity Employability Award participants who have successfully passed Level 2 of the award programme will be notified by email and invited to submit an application for this internship position.

When invited, please send a CV and cover letter with subject line ‘Trinity Employability Award Intern Application’ to Matt Foster at matt.foster@neuromoddevices.com before 5pm, Monday 30\textsuperscript{th} November.