CAREER OPPORTUNITY

Hardware Engineer

At Cumulus Neuroscience, we develop cutting edge technologies for the measurement and interpretation of the progression of brain disorders.

Our machine-learning-powered digital health platform allows us to rapidly build the world’s largest collection of real-world brain activity and cognitive health data. The insights we extract from this data help transform our understanding of brain health and improve the development of novel treatments for brain disorders. We are now recruiting into a new role in our growing organisation. Be part of an amazing team developing cutting edge tools to solve the biggest healthcare challenge of a generation.

Responsibilities

- Design and development of test platforms for qualification of Cumulus Neuroscience hardware products
- Research and development of sensing technologies for capture of small amplitude signals from the brain
- Working with manufacturing partners to ensure successful transfer of products from design into production
- Creating and maintaining product design documentation
- Management of hardware regulatory test strategy, i.e. Safety testing, EMC etc.

Essential Criteria

- Experience with PCB design, schematic capture, board bring up and debugging
- Experience with small amplitude signal acquisition and low noise electronics
- Experience with electronics verification planning and/or execution
- Excellent verbal and written communication skills
- Strong analytical and problem-solving skills
Desirable Criteria
• Experience with embedded firmware development
• Experience of biosensing technologies and integration with RF technologies
• An understanding of regulatory compliance (CE marking, EMC, Safety)
• Experience of working within a quality management system (ISO 13485 / ISO 9001)

Minimum Qualifications
• Third level qualification in Electronics Engineering or related discipline
• 2+ years of electronics development experience

Salary and Benefits
• Competitive salary
• 25 days paid holidays
• Competitive benefits including pension match and private medical insurance

Location
Belfast, Northern Ireland

Interested candidates should send a CV and short cover email to info@cumulusneuro.com

Cumulus Neuroscience is an Equal Opportunity Employer.

We are not a licensed Visa sponsor and therefore can only consider applicants who independently meet UK Visa right to work conditions.