



Job Opportunity

About this role

We are recruiting for a Usability & Human Factors Specialist to join our team.

About us

Afon Technology Ltd is a research & development company based in Caldicot. Our aim is to provide a ground-breaking solution in blood glucose monitoring for diabetics. Currently, the 'best option' for a person with diabetes is a continuous glucose monitor (CGM). These are minimally invasive, with a microneedle recording blood glucose from the interstitial fluid. They are known to have a time lag from actual blood glucose change and they require replacing every 10-14 days. Our device is a totally non-invasive, pain-free tracking blood glucose in real-time with no disposable or replacement parts required.

Non-invasive and real time blood glucose monitoring is the holy grail of diabetes.

Pre-requisite

Afon Technology Ltd are seeking a Usability & Human Factors Specialist to join our dynamic & growing team. Our ideal candidate will have worked within the medical devices industry and conducted usability evaluations in accordance with BS EN 62366-1 & the FDA's guidance for applying Human Factors and Usability Engineering to Medical Devices.

Being able to demonstrate an understanding of the product design process is essential, especially the understanding of risk management and how usability engineering and risk management interlink.

The ideal candidate will be able to take responsibility for all aspects of usability engineering activities; scope & plan how usability engineering will be applied to a development, able to conduct independent research (conduct task analysis of both competitor and own proprietary products, generate a known problems analysis, develop and maintain both Use FMEA & risk analysis table for a development), generate the Use Specification, conduct interviews/focus groups/immersive environment studies, evaluate & transpose findings into user requirements, plan both formative & summative evaluations and take responsibility for assessing data from post market surveillance activities as appropriate for the development at hand.

We are looking for a person who is both driven and passionate for the subject matter, an individual who can lead all aspects of usability engineering, but who can also demonstrate solid technical capabilities and apply mechanical/industrial design engineering skills to products as they are both being developed and as design changes are required.



The ideal candidate will be qualified at MSc/PhD level within an appropriate engineering subject matter, able to communicate well with colleagues and have excellent interpersonal skills, be able to listen to user accounts and capture findings appropriate to the development, be self-motivated, plans activities based on development requirements, and is able to work to, and communicate progress to deadlines.

A good understanding of SolidWorks CAD is desired in addition to the Microsoft Office applications, Adobe XD &/or Figma.

Remuneration

We offer a competitive salary, pension scheme, share scheme and flexibility to the right individual. We provide 25 days holiday entitlement in addition to all UK bank holidays. All employees will be provided a high specification company laptop and appropriate software packages necessary for their specialism.

We are keen to support all employees with role specific knowledge and progression, we have budgets in place for all employees' developments annually.

How to apply

If you would like to apply for this exciting opportunity, then please send your CV to info@afontechnology.com.