Position: Electronics and Design Engineer – KTP Associate

Based at: Kymira in Reading, Berkshire

Salary: £32,000 - £37,000 pa depending on qualifications and experience

Interview date: 31 July 2019

Vacancy ref: KT19005

Application closing date: 21 July 2019

Start date: mutually agreeable

A Knowledge Transfer Partnership in collaboration between the University of Reading and Kymira provides an exciting opportunity to develop new ‘smart’ garments that incorporate embedded electronic sensors and components within the garments, capable of transmitting data from the garments for analysis. This position will design and develop new technologies that can be embedded into clothing such that it is possible to collect movement and physiological data for sports applications. Design work will include PCB development, firmware, wireless data transfer, and power harvesting. The position will require the individual to work with coaches, sports professionals, managers and physiotherapists. The position is a 24-month fixed term contract based at Kymira in Reading.

About Kymira:
Kymira® is an advanced textile company founded in 2013 at the prestigious Science and Technology Centre at the University of Reading. Through our smart garments, we enhance the performance of athletes, aid circulation, accelerate recovery, monitor and report on human well-being. Since 2016, KYMIRA has been conducting new R&D into electronic(e)-textiles for primary usage within the medical and healthcare markets. KYMIRA and partners are developing innovative techniques to embed printed electronics into clothing for scalable manufacture and incorporating sensors that can record biodata for sport and health monitoring applications.

www.kymira.co.uk

About KTP:
This position forms part of the Knowledge Transfer Partnership (KTP) funded by Innovate UK. It’s essential you understand how KTP works with business and the University, and the vital role you will play if you successfully secure a KTP Associate position.

Skill development through training:
There is a £4k dedicated training budget tailored towards your own personal development in addition to residential management skills training.

If you have any questions contact:
E: ktpjobs@reading.ac.uk
T: 0118 378 6142

The successful candidate must possess:
• A strong degree in Engineering, Physics Mechatronics or Biomedical Engineering or similar area
• Experience of microprocessor based electronic design and programming
• Knowledge of tools and techniques for signal processing techniques.
• Knowledge of engineering design principles and methods
• Wireless data transfer to cloud based services

Essential skills we require as a minimum:
• Strong teamwork and time management
• Excellent analytical and communication skills
• Demonstrate the desire and ability to lead on a commercial project with an understanding of the multi-dimensional nature of a KTP project

Apply now: https://cutt.ly/6he27P