



July 2017

### **Applications Engineer**

Inductosense is a spin-out company from University of Bristol developing novel wireless sensing technology. Our battery-free ultrasonic sensors can be fixed to structures enabling through life monitoring of corrosion or detection of other defects. We are developing the technology for a range of applications and markets, including Oil&Gas, Nuclear, Aerospace and Composites. This is a great opportunity to become a key member of a fast-growing, dynamic start-up company based in Bristol.

#### **The Role**

We are looking for an Applications Engineer to work as a key member of the R&D team on developing wireless sensing technology. This is a technical role where precision and innovation are key and will include developing methods, processes and prototypes. The role will include:

- Developing methods of installing sensors on structures
- Developing models for sensor systems
- Testing and prototyping Inductosense technology for specific applications
- Working with partnering companies on development and trials
- Working with partnering companies on the optimisation of systems

#### **Required Experiences**

- University degree in Engineering/Chemistry/Physics/Materials Science
- Competent in using Matlab
- Understanding of non-destructive testing methods
- Experience of working closely with customers
- Good interpersonal and communication skills

#### **Preferred Experiences**

- Knowledge of manufacturing processes and techniques
- Knowledge of piezoelectric materials and ultrasonic NDT
- Knowledge of signal processing
- Knowledge of electromagnetic theory
- Experience of producing technical project plans

We offer a competitive salary and share options scheme and the opportunity for growth with the company. We are based at the Engine Shed next to Bristol Temple Meads train station in a dynamic start-up environment.

For further information please contact [matt@inductosense.com](mailto:matt@inductosense.com)