



## **Embedded Engineer**

Lightricity is a growing high-tech SME which has developed a unique light (photovoltaic) energy harvesting technology. Our technology provides power to smart devices and sensors without the need for disposable batteries, providing a sustainable and cost-effective solution for powering billions of smart devices and sensors.

We are seeking a talented embedded engineer to join our development team based on the Oxford Science Park. This is a hands-on role that offers a unique opportunity to be an integral part of a highly innovative, supportive and motivated development team. We offer a competitive salary, competitive company benefits and support to learn and develop.

Responsibilities:

- Development of firmware and electronics for a new generation of energy harvesting powered wireless devices
- Taking ownership of embedded development such as wireless communications and interfacing with sensors, including lab and field testing
- Working within the development team to define design requirements and development of the firmware and electronics from concept through to manufacture
- Demonstration of solution to internal & external stakeholders and to customers

Required skills/experience:

- Degree in Electronic Engineering, Computer Science or similar, with modules covering some aspects of these requirements
- Embedded C development experience
- Experience of working with ARM based devices
- Building, testing and debugging electronic systems (software and hardware)
- Strong debugging and problem-solving skills

Desirable skills/experience:

- Low-power wireless protocols (e.g. BLE)
- Developing for low power applications
- Interfacing microcontrollers to a variety of sensors
- Developing software in a high-level language such as Python or C#
- Ability to work independently and manage projects

You will be mainly based in Oxford, with the possibility for hybrid, flexible as well as part-time working.

To apply for this position please send your CV and a covering letter to [jobs@lightricity.co.uk](mailto:jobs@lightricity.co.uk)