

Lightricity is a 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 senior researcher to join our development team in Oxford.

### Responsibilities:

- Hands-on research & development on new energy harvesting components and systems
- Responsible for the development and testing of energy harvesting prototypes and products
- Liaise with internal & external stakeholders to elicit and communicate requirements, development plans and results
- Write and maintain technical documentation
- Proactively recommend solutions that improve product quality, overall performance and develop quality control plans and process flow charts

### Required skills/experience:

- Masters degree in Physics, Electrical Engineering or a related discipline
- Hands-on experience in fabricating and evaluating research/prototype components and electronic systems
- Knowledge of properties of, and experience with handling semiconductor devices and optoelectronic components
- Experience designing, building and optimising testing and prototyping setups
- Attention to detail in experiment design and implementation
- Strong problem-solving skills
- Eligible to work in the UK

### Desirable skills/experience:

- Experience working with ultra-low power components including handling, operation, knowledge of properties
- Proficiency in MATLAB, Python, C++ or similar tools for data analysis and simulation
- Ability to work independently and manage projects

This position is for a fixed term of 12 months. To apply, please send your CV and a covering letter to [jobs@lightricity.co.uk](mailto:jobs@lightricity.co.uk)

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