**About the Role:**

We are seeking an ambitious scientist or engineer to work with a multidisciplinary team developing laser-based instrumentation such as spectrometers for use in diverse sectors such as biopharmaceutical, healthcare, nuclear and gas sensing. Key elements of the role are:

* Helping to develop new instrumentation and technologies,
* Driving existing technologies to production,
* Being part of new innovative research programs,
* Developing new and existing skills alongside experienced scientists, engineers and developers.

**About the candidate:**

The successful candidate should be educated to at least degree level in Physics, Photonics, Mechanical Engineering, or other relevant qualification, and be capable of working independently and within a focused collaborative team. The position would suit a new graduate looking to apply their knowledge in a practical laboratory setting.

Required:

* Applicable qualification to degree level or equivalent,
* Good written & verbal communication skills.

Beneficial:

* Practical experience of optical systems,
* Knowledge of CAD,
* Knowledge of FEA,
* Knowledge of LabVIEW/C++/Python,
* Knowledge of spectroscopy,
* Be comfortable presenting information to the wider audience.

**About Us:**

IS-instruments Ltd is a SME based in Tonbridge, specialising in the development of spectrometers, Raman systems and LIDAR products. The company is expanding its product range and has recently been awarded several exciting development contracts. We work extensively in the Biopharmaceutical industry, medical research, the nuclear sector (decommissioning and fusion) and in gas sensing.

We pride ourselves on our ability to solve difficult problems requiring innovation and creative thinking, using skills from our team of scientists, engineers, and developers, and we need people with a similar mindset and outlook.

**Job Type**: Full-time (Mon-Fri), Permanent

**Salary: £25,000-30,000**

**Benefits:**

* Additional leave
* Casual dress
* Company events
* Company pension
* Free on-site parking

**Supplemental pay types:**

* Performance bonus

**COVID-19 considerations:**

With a fully vaccinated workforce we adhere to the UK Government Guidelines. Additional measures may be required when working at customer sites.

**Ability to commute/relocate:**

* Tonbridge TN9 1SP: reliably commute or plan to relocate before starting work (required).

**Education:**

* Bachelor's (preferred).

**Work authorisation:**

* United Kingdom (preferred).