**Python Developer**

**No agencies please.**

**Job Description:**

Would you like to join the world leader in commercial applications of terahertz light? Would you like to be responsible for the software that drives the inspection and analysis tools of tomorrow?

We are recruiting a permanent Python developer to work with our team of pioneering scientists and engineers, developing new products for semiconductor, automotive, medical and applied research customers worldwide. At our brand-new facilities just outside Cambridge, we offer a friendly, informal environment, where people are passionate about the ground-breaking work we do. Check us out at www.teraview.com.

You will have at least 3 years of software development experience, working with scientific instruments or industrial automation. You will be a self-starter with a positive attitude and a proven ability to work in small multi-disciplinary teams. You will want to influence the software product lifecycle and be involved in all stages, from architecture to maintenance.

**Essential Skills/Attributes:**

* Computer Science, Physical Science, Maths or Engineering degree
* >3 years industry experience of software development
* An excellent knowledge of Python and numerical libraries Numpy and Scipy
* Experience in asynchronous programming (e.g. Twisted, asyncio) and DVCS (mercurial or git)
* A proactive approach to maintaining high quality code with excellent test coverage
* Good interpersonal skills and attention to detail

**Desirable additional experience:**

* Design and development of scientific measurement equipment, for example imaging systems or spectrometers
* 2D & 3D visualisation of scientific data
* Industrial automation or cybernetics
* Signal processing, statistics and other data analysis methods
* SQL / Relational-database usage / HDF5
* Python GUI development (Qt or wx)
* Experience with Enthought Tool Suite will be an added advantage.

**Benefits:**

* £40k-£55k salary, depending on relevant experience
* 33 days paid holiday
* Flexible working hours and occasional remote working (after an initial period)
* Non-contributory Pension (6% of salary)
* Private Health Insurance for employee and dependants
* Childcare Voucher Scheme
* Cycle to Work Scheme
* Reimbursement of an annual professional subscription
* Company Share Option scheme

If you think you have the skills and qualities we need, please attach your CV and a covering letter, outlining your current role and remuneration to recruitment@teraview.com