[**Instrumentation Software Engineer (Python)**](https://www.indeed.co.uk/company/TeraView-Limited/jobs/Instrumentation-Software-Engineer-95f90dfa7c0a0c7c?fccid=de666b49ab498a63&vjs=3)

**Job Description:**

Would you like to become a key developer in the undisputed world leader in commercial applications of terahertz light? We are recruiting both **contract and permanent** Python developers to join our team of industry-leading scientist and engineers, serving semiconductor, automotive and applied research customers worldwide from our base in Cambridge, UK. Check us out at www.teraview.com.

We offer a friendly, informal environment where people are passionate about the ground-breaking work we do.

You will have 3 years or more industry experience of software development, preferably with experience of industrial automation or scientific instrumentation. You will have worked within a formalised Quality System framework. You will be a self-starter with a positive attitude and a proven ability to work in small multi-disciplinary teams.

Remote working will be considered for exceptional candidates.

**Essential Skills/Attributes:**The successful applicant will have:

* Computer Science, Physical Science or Engineering degree
* 3 years industry experience of software development
* An excellent knowledge of Python and numerical libraries Numpy and Scipy
* A scientific or engineering background and a high level of numeracy
* Proactive approach to maintaining high quality code with excellent test coverage
* Asynchronous programming (e.g. Twisted, asyncio)
* DVCS experience (mercurial or git)

**Desirable additional experience:**

* 3D & 2D scientific visualisation
* 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:**

* Non-contributory Pension (6% of basic salary)
* BUPA Healthcare for employee and dependants
* Childcare Voucher Scheme
* Cycle to Work Scheme
* Reimbursement of an annual professional subscription
* Participation in Company’s 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 your application.

Job Type: Full-time