



Technician £18-25k + bonus + benefits

Quantum Detectors is a spinout from the STFC and Diamond Light Source, based at Harwell Campus. Quantum Detectors develops technology and provides a route to market for instrumentation developed by the Detector Group at Diamond and other internationally renowned facilities. Our products are well respected and installed at synchrotrons and in STEMs around the world.

The successful candidate will join a vibrant team who are passionate about distributing cutting edge technology to the world's leading laboratories.

This role will involve technical work at the Rutherford Appleton Laboratory site. The ideal candidate will be a hands-on individual with experience in the repair and test of computer software/hardware, electronics equipment, and capable of safely handling sensitive semiconductor components. The candidate should be capable of excelling in a fast paced environment and comfortable keeping impeccable records. The position requires close interaction with a range of existing staff with different backgrounds so good communication skills are essential.

Responsibilities:

- Mechanical build and assembly of production, custom, and prototype systems
- Assembly, repair, and testing of electronic components
- Execution of calibration and quality assurance procedures and associated record keeping
- Inspection and assessment of components from external manufacturers
- Working with the Project Management Office to pack, document, and dispatch products
- Assembly and configuration of computers, operating systems, and associated software
- Meticulous record keeping

Essential Qualifications & Experience:

- Experience in electronics and mechanical workshops
- Understanding of ESD practices and handling of sensitive electronic components
- Good knowledge of Linux and Windows based operating systems
- Attention to detail
- Good interpersonal skills and communication
- Ability to work as part of a fast paced multidisciplinary team
- Self motivated and well organised
- Must be eligible to work in the EU

Desirable Qualifications & Experience:

- Experience in the use of electronic test equipment (Multimeters, Oscilloscopes etc.)
- Handling of surface mount components
- Cleanroom experience
- Prior usage of X-ray sources
- Scientific background

Further Information

- Must have the flexibility to adapt to the challenges and opportunities presented by working for a small company

As part of a fast growing company you will be expected to have an all hands on deck attitude to work, your role and responsibilities will be dictated by the business needs and will, at times, be outside of those detailed above.

The successful candidate will become part of a supportive team, and benefit from the excellent facilities at the world class Harwell Campus (sports facilities, cafes, social club, library, restaurant, etc). See harwellcampus.com for further details.

This permanent full time position offers a flexible 35 hour working week, 30 days holiday and a generous pension contribution.

If you are interested, please submit a CV and cover letter describing why this job appeals to you and what differentiates you from other candidates to: careers@quantumdetectors.com.