

## Network Engineer

**Location:** Rutherford Appleton Laboratory, Harwell, Oxfordshire

**Salary:** £42,840 - £47,124 or £53,818 - £59,199 per annum (dependent on skills and experience)

**Hours:** Full time

**Contract Type:** Fixed Term 3 Years

**Due to the requirement of obtaining an enhanced security clearance for this role, we are only able to accept applications from persons who have been resident in the UK for the last five years.**

Come and work with the latest technologies, addressing the challenges that prompted you to be a network engineer. Stretch your technical skills while building human understanding. Promote sustainability and create new materials. And, alongside world-leading scientists and technologists, shape projects that improve lives, and daily life, in the UK and far beyond.

Put simply, come and discover the impact you can make when you're equipped, encouraged and inspired to perform to your very best.

Based at the Science and Technology Facilities Council (STFC), the Central Laser Facility (CLF) is currently building two new laser centres - the £100M Extreme Photonics Applications Centre (EPAC) and the world's most powerful laser facility - £85M Vulcan 20-20 – which will help scientists recreate interiors of stars in laboratory and work towards clean energy as well as develop new types of particle and radiation beams for a wide range of applications in science and industry. We are seeking new team members to contribute to the design, construction and operation of these facilities.

EPAC's and Vulcan 20-20's experimental areas will generate high data rates (~ 5GB/s) and will require appropriate data transport and networking solutions. We are looking for people like you, network engineers at all stages of their careers to help build that infrastructure as part of our friendly and enthusiastic team.

A software engineer with specialised knowledge in networking will be required to undertake the design and testing of the end-to-end network and its services in these facilities.

### We are looking for someone with:

- a degree or equivalent experience in computer science, software engineering, or a strongly related STEM subject with significant hands-on experience with network instruments
- experience designing robust data networks using design principles and tools, as well as hands-on experience in Quality of Service (QoS) and VLAN configuration
- experience of fibre networks and knowledge of fibre transmission concepts and technologies
- hands-on experience in TCP/IP Ethernet networking, including managing and configuring Layer 2 and Layer 3 network switches and routers
- to be considered for the higher salary band, you should have previous experience in network design and architecture, network programmability and frameworks and handling large volume data at high data rates, ideally in a scientific facility

## **What we offer**

We are offering a fixed term position with a whole host of benefits including:

- 30 days holiday annually (in addition to 10.5 bank holidays and privilege days)
- flexible working hours
- an excellent defined average salary pension scheme
- employee shopping/travel discounts
- excellent learning and development opportunities

Plus many more benefits and wellbeing initiatives that enable our employees to have a great work life balance!

## **UKRI is an Equal Opportunity & Disability Confident Employer.**

We ask some of the biggest questions in the universe, to answer some of the biggest challenges in the world. Together, our scientists, technologists, engineers and business support team explore the unknown across every field you could think of. And they turn what they find into work that changes the world around us.

What could you achieve with the world-leading facilities and experts of one of Europe's largest research organisations by your side? Join us and discover what's possible.

Closing Date: 26<sup>th</sup> May 2024