Wintering IT Engineer – Antarctica

Contract type: Antarctic Contract

Duration: Antarctic Winter (Up to 18 months)

Salary: £23,937 per annum initially. Additionally, upon completion of a successful tour, you will receive a 10% bonus on your Antarctic Service.

Benefits: We offer generous benefits

Team: Antarctic employment pool team

Location: Antarctica

Description

The British Antarctic Survey is seeking a Wintering IT Engineer to provide operational and technical support for the IT systems in the Antarctic, ensuring communications are maintained between the Antarctic bases, ships, field parties, aircraft and BAS Cambridge.

The role will be based in Antarctica at either our Rothera or Halley station. The key responsibilities for this position include operation, maintenance and delivery of Antarctic base IT, upkeep of email communication and supporting science initiatives.

Purpose

To provide operational and technical support for the IT systems in the Antarctic, ensuring communications are maintained between the Antarctic bases, ships, field parties, aircraft and BAS Cambridge.

Qualification

BTEC L3 (tech discipline), A-level (with technical bias) or equivalent.
Duties

- Operation, maintenance and delivery of Antarctic base IT services such as hardware, software and computer networks. This includes VSAT and Iridium satellite equipment, LANs, WANs, servers, desktops, laptops and the VoIP telephone system.
- IT Installation/deployments as required.
- Support of science initiatives. Liaise with peers in BAS or external organisations.
- Monitor systems, analyse results and take part in weekly update of information with line management.
- Upkeep of the communication messaging system (email).
- Ensure the implementation of existing policies and continued documentation of process and procedures for guaranteeing availability and security of BAS IT systems.
- To undertake other duties as requested by the Director of BAS.

We welcome applications from all sections of the community. People from ethnic minorities and disabled people are currently under-represented and their applications are particularly welcome. We operate a guaranteed interview scheme for disabled candidates who meet the minimum criteria for the job role.

You will need to be physically capable and medically fit to work in Antarctic conditions.

Skills Specification

Skills are listed as either Essential or Desirable. Desirable skills importance rating in parenthesis (1 is high, 5 is low)

Communication skills - a) oral skills b) written skills

- Fluent in written and spoken English language. Clear and concise. - Essential
- Documentation experience. - Essential
- Use of wiki, subversion, git. - Desirable [2]

Computer / IT skills

- That expected for HNC or higher qualification in an engineering discipline. - Essential

Decision Making

- Ability to assimilate information correctly and make decisions under pressure. - Essential
- Ability to assimilate information quickly. - Desirable [3]

Interpersonal skills

- Ability to work on own or as part of a team. - Essential
- Experience of small or remote team working. - Desirable [2]

Managerial ability

- Ability to manage personal time, resources and priorities. - Essential

Numerical ability

- That expected for HNC or higher qualification in an engineering discipline. - Essential
- Financially aware. - Desirable [3]

Other Factors

- Basic electronics skills. - Desirable [4]
- Radio operator skills. - Desirable [4]

Qualifications

- BTEC L3 (tech discipline). A-level (with technical bias). (or equivalent) - Essential
- Relevant degree in Computing or similar subject, or lower qualification backed by suitable experience. - Desirable [2]

Resource Management ability

- Experience of deploying equipment according to priorities. - Essential

Skills / Experience

- Windows server and desktop support, both software and hardware. - Essential
- Experience of building and deploying IT systems. - Essential
- Basic network understanding such as IPv4, DNS, DHCP, NTP. - Essential
- High level systems administration in a VMware, Windows server, O365, Linux environment. - Desirable [2]
- Apple support. - Desirable [2]
- Experience of Iridium & VSAT satellite systems. Networking infrastructure administration; esp Cisco. Veeam. - Desirable [2]
- Databases; SQL, MySQL. - Desirable [2]
- Systems monitoring. - Desirable [2]
- Programming languages such as Python, Powershell. - Desirable [2]