

## Cyber Intrusion Analyst

### Course Overview

- ◆ This apprenticeship programme includes learning about the primary role of a Cyber Intrusion Analyst, in order to detect breaches in the network security system and escalate or create an incident report.
- ◆ The apprentice will learn how to use a range of automated tools to monitor networks in real time, including how to understand and interpret the alerts that are automatically generated by these tools and correlate this information, then judge whether or not the alert represents a security breach.
- ◆ They will provide the first response when a security breach has been detected, to forward the incident onto the response team and provide evidence that supports their judgement that a breach has occurred.
- ◆ Students will work as part of a team (or may lead a team) and will interact with external stakeholders, including customers and third-party sources of threat and vulnerability intelligence.
- ◆ Some of the core competencies the apprentice will learn include: recognise anomalies in observed network data structures, accurately, impartially and concisely record and report the appropriate information, recognise and identify all the main normal features of log files generated by typical network appliances, undertake root cause analysis of events and make recommendations to reduce false positives and false negatives and more.

## Who is it aimed at?

It's open to all ages - not just school or college leavers, employed adults are eligible too. The course is for anyone interested in the following job roles:

- ◆ Secure Operations Centre (SOC) Analyst
- ◆ Intrusion Analyst
- ◆ Network Intrusion Analyst
- ◆ Incident Response Centre (IRC) Analyst
- ◆ Network Operations Centre (NOC) Security Analyst
- ◆ Risk Analyst

## Duration

- ◆ This apprenticeship takes approximately 24 months for the apprentice to fully complete.

## How is this apprenticeship delivered?

- ◆ As part of this apprenticeship programme, the apprentice will spend four days in the workplace and one day at college where they will undertake classroom training, portfolio building and will perform practical related projects.

## Entry requirements

- ◆ Employers set their own entry specification but the apprentice will hold a A-levels or other Level 3 qualifications as well as GCSE Maths and English.

## Off-the-job funding rule

- ◆ The funding rules state that 20% of the apprentice's time must be spent completing off-the-job training, this may include different activities and is measured over the course of the apprenticeship.
- ◆ Apprentices will be required to undertake the equivalent of a day's training to meet this funding rule. This could be either attending BCoT, shadowing another department/role, online learning, or manufacturer training and will be fully documented in their portfolio.

## Progression opportunities

- ◆ Upon completion of the apprenticeship, with the transferable skills gained, the apprentice can progress further within the profession into a wide range of IT and Cyber Security roles across many sectors.
- ◆ The apprentice may also wish to progress their training further and undertake relevant qualifications related to their role in the workplace.

## Did you know?

- ◆ An apprentice can be a new or existing employee.
- ◆ Apprenticeships are open to anyone living in England over the age of 16 and not in full-time education.
- ◆ Apprenticeship programmes can go up to degree level.
- ◆ BCoT is one of the largest providers of apprenticeships in the region. We work with large and small employers across all industry sectors.
- ◆ BCoT is in the top 30% of colleges nationally for timely achievement of apprenticeships for all ages and levels - National Achievement Rate Tables 2017/18.

## Get in touch

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