

Cyber Careers

Security Pathways

Cyber Risk Specialist

The Work?

Send a thief to catch a thief. Cyber Risk Specialists are experts in penetration testing and identifying where in the network threats occur. Usually working in a fine line between the legal and illegal hackers, they have to have the passion and dedication to keep on top of all the latest threats that hackers used to access systems.

Skills and Interests

- Good analytical skills
- Excellent subject knowledge
- Good Problem Solving Skills
- Passion for the subject
- Good understanding of how things work

Entry

Most cyber risk specialists start through an understanding of threats. Looking at youtube videos of how hackers attack systems then learning how these attacks could be prevented.

There are a number of "Hacks" and security conventions all over the UK, these provide an insight into the latest threats and how to foil these, so the enthusiasm to give up your weekends in order to go to these and learn about the newest and latest techniques and talking to people who are already in the industry.

Good practical experience in things like networking and programming also help, as this is a start point for most hacks, so learning these in GCSE and A-Level Computing can also give you a nice start point into the world of Cyber Risk.

Wages

Varies depending on experience and specialisms

What they say:

My job is to identify where the cyber risks are within the organisation I am working with. This involves looking at what cyber threats they face, both in general as well as any that might be specifically aimed at them, and then analysing where their weaknesses lie.

My role is then to suggest processes, strategies and plans to the business which reduces the risk exposure.

I need to keep up to date with all the latest technology and also understand what tactics the hackers might use

David, Cyber Risk Specialist

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