

Cyber Careers

Security Pathways

Information Security Analyst

The Work?

All companies now use technology to manage the data that they get in and out of the company. However with the massive amount of data collection, this comes with threats to businesses, governments and individuals. This can include blackmail, hacking, fraud and malicious damage. This job includes security management, digital forensics cyber crime and security testing.

Skills and Interests

- Good analytical skills
- Self motivation
- Determination
- Ability to work under pressure
- Ability to work in a team

Entry

Generally an information Security specialist will have a mathematical background as they work closely with data and show good logical problem solving skills. Good knowledge of networking and how to implement security protocols is essential.

Most companies will offer unpaid work experience to gauge aptitude before offering apprenticeships giving a practical understanding of the work involved. A degree in computer science or related discipline is useful and can help however this is not essential.

Most Information Security specialists work as part of diverse teams with different specialties in order to make the most impact. the skills for this job require working as part of a close knit team, good social skills are essential.

Wages

generally between £30,000 to £40,000 per year

What they say:

Working in information security is a fantastic opportunity. As an information security analyst I get to see the incoming threats to my organisation, then work with colleagues to prevent the attacks disrupting our business.

Analysing our security measures and determining how effective they are really keeps me on my toes!

Ambika, IS Analyst

