Job Title: Cyber Intelligence Officer

Job Title: Cyber Intelligence Officer	Cyber intelligence officers gather information about where threats to information technology (IT) systems come from and how they work. Why become a Cyber Intelligence Officer? Watch the video in this link https://www.youtube.com/watch?v=ffgWVfAL3PA Want to learn more? https://www.worldskillsuk.org/careers/how-to-become-a-cyber-intelligence-officer/
Entry requirements:	University You can do a degree or postgraduate qualification in one of the following subjects: • computer science • computer or cyber security • mathematics • network engineering and security You could take a postgraduate course in computing or cyber security if your first degree is not in a related subject, or if you have a lot of industry experience. **Entry requirements** You'll usually need: • 3 A levels, or equivalent, for a degree • a degree in a relevant subject for postgraduate study Apprenticeship You could do: • a Cyber Security Technologist Level 4 Higher Apprenticeship • a Digital Forensic Technician Level 4 Higher Apprenticeship • a Cyber Security Technical Professional Level 6 Degree Apprenticeship **Entry requirements** You'll usually need: • 4 or 5 GCSEs at grades 9 to 4 and A levels, or equivalent, for a higher or degree apprenticeship Work You could start work with an IT security firm, for example as a support technician after college, then work your way up while studying for further qualifications on the job. Other Routes If you have a degree or relevant work experience, you could apply for the MI5 Intelligence and Data Analyst Development Programme. More Information You can find out more about working in digital security from the:

	• National Cyber Security Centre • Security Service MI5 • UK Cyber Security Council If you are under 17 CyberFirst has a programme of activities including: • apprenticeships • bursaries • competitions • courses
Skills required:	You'll need: • knowledge of computer operating systems, hardware and software • complex problem-solving skills • the ability to use your initiative • the ability to accept criticism and work well under pressure • telecommunications knowledge • to be thorough and pay attention to detail • persistence and determination • maths skills • to have a thorough understanding of computer systems and applications **Restrictions and Requirements** For public sector work, you may need to go through UK Security Vetting. For private sector work, you may not need to be vetted unless you're working on government systems.
What you'll do:	In this role you may: • identify common weaknesses in IT networks • use digital resources to gather information and evidence • use computer forensics to identify attackers and their methods • analyse threats to major security systems • monitor new threats and assess their impact • keep databases of threats and hackers • produce threat assessment reports and recommend actions • develop relationships with other organisations and share security knowledge • update your skills and knowledge
What you'll earn:	• Starter – £25,000 • Experienced - £67,000 ***Average Salary - £50,000*** *These figures are a guide*
Working hours, patterns and environment:	You could work in an office or at a client's business. You would typically work 35 – 40 hours a week, including the occasional evening or weekend.
Career path and progression:	With experience, you could become a specialised cyber security lead and then head of cyber security.

	You could also work as a freelance security contractor.