Cyber
security
careers

IN A NUTSHELL

GROWING NUMBER OF JOBS

OPEN TO ANYONE
REWARDING

There are fantastic opportunities in cyber security for anyone looking for a career with the WOW factor.

So, this Nutshell is a starter for you to speak to your young person about options for future work that's:

- Well paid
- Satisfying
- Interesting
- Helpful to others
- In plentiful supply

Cyber security careers tick lots of boxes:

Good money: even at entry level ☑

Plenty of work now and for the future: business is booming ☑

Something for everyone: open to any young person, not just those interested in computing and technology ☑

Work anywhere in the world: organisations worldwide are crying out for staff with the right qualifications ☑

Job satisfaction: interesting work at all grades and plenty of opportunities for promotion ☑

About cyber security careers

One of the biggest risks facing organisations, from charities to small businesses, from health services to global banking, is from cybercrime: the theft of financial and personal information. And it's on the increase.

This means that all organisations have to make sure that their systems are safe and their staff cyber savvy. They need people with talent who can:

- Protect them from cyber-attack (website or telephone systems being hacked)
- Make sure that computer systems, data and online services are secure
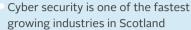- Run online services which are safe for people to use
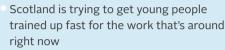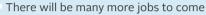- Find ways to keep defending systems and services against new threats
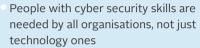- Help them get back on track quickly after a security breach

Growing number of jobs

- Cyber security is one of the fastest growing industries in Scotland
- Scotland is trying to get young people trained up fast for the work that's around right now
- There will be many more jobs to come
- People with cyber security skills are needed by all organisations, not just technology ones
- These jobs will be across all industries and services including finance, education, health and government

Rewarding

- Working in cyber security is well paid: entry-level salary is around £25,000 a year. The average salary is around £51,200 a year, more than double the Scotland average
- There's the chance to work anywhere in the world: these qualifications and skills are transferable and are in huge demand
- There are jobs with the giants: think Google, Apple, RBS; and on a much smaller scale too

ENTRY-LEVEL
SALARY ABOUT
£25,000/year

AVERAGE
SALARY ABOUT
£51,200/year

Open to anyone

Your young person doesn't need to be a technical whizz to work in cyber security. People skills are just as vital. Organisations large and small need staff who can pay attention to detail, communicate well, solve problems quickly, and organise themselves and others.

Getting qualified

There are different ways to get qualified. There's a big push to attract young people into this area because not enough have the qualifications for the many jobs around.

Schools are introducing the subject, and there are college and university courses too. Many companies are training their own staff. And the Scottish Government is keen get more people qualified by giving young people options to earn and learn through:

- **Foundation** apprenticeships which combine learning and training with school subjects
- **Modern** apprenticeships which combine paid work with training
- **Graduate** apprenticeships which combine paid work with a university degree

! SPEAK TO YOUR YOUNG PERSON ABOUT THE AMAZING OPPORTUNITIES IN CYBER SECURITY.

Find out more at the links below.

Cyber security careers

https://www.digitalworld.net/cyber-security

Apprenticeships in a Nutshell

https://bit.ly/apprenticeships-in-a-nutshell

Digital skills in a Nutshell

https://bit.ly/digital_careers

STEM skills in a Nutshell

https://npfs.org.uk/stem-nutshell

Foundation apprenticeship in IT: software development

https://bit.ly/apprenticeships-it-software-development

Modern apprenticeship in information security

https://bit.ly/apprenticeships-information-security

Graduate apprenticeships in cyber security

https://bit.ly/cyber-security-scqf-level-10
https://bit.ly/cyber-security-scqf-level-11

Be safe online – learn more at *https://getsafeonline.org*