



Block
nothing gets
past the Block!



**Crypto
Shield**
there's no cracking
Crypto's Shield -
the iron fortress



Agent
un-masking
hidden danger



Frost Byte
time to 'ice'olate
bad code



HM Government

For more information please go to:

www.inspiredcareers.org

From school to Digital Defender



Your future fighting cyber crime

Cyber criminals are stealing our money and private information, harming our businesses, threatening our government and are now a real threat to society. The cyber security industry needs you to defend against hackers and other online criminals.

If you love computer games, problem solving, technology, or just want to make a difference, cyber security could be your dream career...

- You would be part of one of the most exciting, dynamic industries in the world.
- You would be making a real difference and getting well paid.
- There are opportunities in every sector, with the potential for international travel.

Whether you are a top coder or just want to work as part of a cyber defence team, there is a career option for you.

There are opportunities to enter the industry with GCSEs or A Levels, as part of Apprenticeship programmes or join at Degree level with opportunities to carry on learning and growing.

Want to be a Digital Defender? Find out more...





Money makes the world go round



The world has woken up to cyber security, with stories in the news almost every week of new cyber attacks

Faced with online attacks, business and government are looking for experts who can protect their systems from cyber criminals – and they are willing to pay high salaries and provide training and development.

There are great opportunities for anyone starting a career in cyber security:

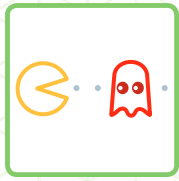
- Salaries in cyber security are some of the fastest growing in the UK – rising at an average 14% a year¹.
- For senior security professionals, earnings can quickly surpass £100,000 a year².
- Your earnings are based on merit, not your sex, age or ethnicity.

Of course a career in cyber security is not just about the money, but it helps.

Sources:

¹Robert Walters annual Global Salary Survey - www.robertwalters.co.uk/salariesurvey.html

²Harvey Nash & PGI Cyber Security Survey 2016 - www.harveynash.com/group/mediacentre/2016/01/almost_half_of_boards_lack_real_understanding_of_cyber_threat_harvey_nash_pgi_cyber_security_survey/index.asp



Working for the greater good

Help companies and people stay safe by defending against cyber crime

Cyber crime is both global and personal.

UK companies have to defend against hundreds of thousands of cyber attacks EVERY DAY and in some cases we have seen attack numbers increase by 1,000% in just 18 months¹.

It is not just big business under threat. It could be someone you know. Take the case of the single mother of two from County Down in Northern Ireland who was robbed of nearly £77,000 in an email 'phishing' scam. She is just one of many individuals who get targeted by cyber criminals on a daily basis and you could make a real difference by helping to keep people like this safe.

The online threat to companies and people's safety is huge and growing. Across the UK, the National Crime Agency, police forces, company security teams and special initiatives like Action Fraud, Cyber Streetwise and GetSafeOnline are all fighting this menace – but they need more help. They need people like you.

If you want the satisfaction of doing a rewarding job and if you want to make a real difference, join us to become a Digital Defender and work in cyber security.



Sources:

¹The Times - www.thetimes.co.uk/tto/business/davos/article4670343.ece



The world is your oyster

Highly transferable skills mean you can move anywhere in the world

The UK cyber security industry contributes over £17 billion to the UK economy¹. Tens of thousands of home-grown experts are working to protect UK businesses, government agencies and consumers.

On a global scale, the rise in online crime is outpacing the supply of cyber defenders – and the UK's reputation for security skills means overseas buyers are also beating a path to our door.

Exports of UK cyber products and services are growing by over 15% a year². That means plenty of opportunities for UK cyber professionals to work overseas.

So, if you have always wanted to travel the world and experience life in other countries, a career in cyber security might just be your passport to success and open doors to exciting international opportunities, from Africa, Asia and Australia to mainland Europe, Canada and the USA.

Sources:

¹Cabinet Office - <https://www.gov.uk/government/speeches/governments-role-in-supporting-the-cyber-security-sector-matt-hancock-speech>

²UK Trade and Investment - www.gov.uk/government/statistics/uk-defence-and-security-export-figures-2013
www.gov.uk/government/statistics/uk-defence-and-security-export-figures-2014

Many paths to success

Your journey starts here!

Choosing your career is a big decision, but don't worry, if you like cyber security, you have options and opportunities at every stage in your education.

There's a route in whether you have GCSEs, A Levels, a Degree, or all of the above. Just choose the best option for you¹:

- **If you are 16+** with 5 GCSEs at grades A*-C, including English Language and Maths, or equivalent qualifications, you could earn-while-you-learn through a cyber security or broader IT Apprenticeship.
- **If you are 18+** with 2+ A Levels at grades A*-C or equivalent qualifications, you can kick-start your career through a Higher Apprenticeship or a Degree Apprenticeship, where you combine a university level education with practical experience at leading employers.
- **If you are 21+** with a Degree or Higher Apprenticeship, you can move directly to applying for a well-paid and rewarding cyber security job.

Having a Computer Science GCSE and/or A level can be an advantage when seeking a career in cyber security, but is not essential. There are lots of jobs that do not require either. If you want further advice ask your school or college, or look at some of the information sources on our next page.

Sources:

¹Tech Partnership TechFuture Careers - www.thetechpartnership.com/tech-future-careers

