



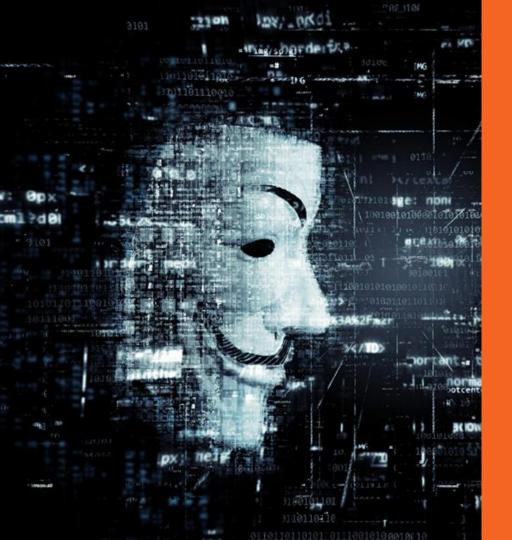
http://map.norsecorp.com/#/



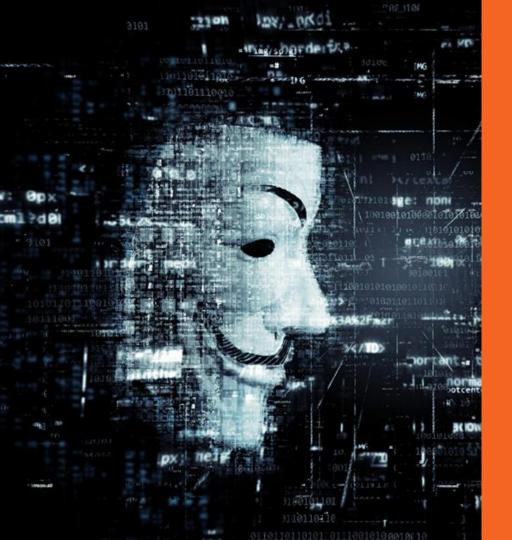
Who knows what a hacker is?



# Why do they do it?



# How do they do it?



# How do you stop it?

#### **CYBERSECURITY**



What our friends think that we do



What the end users think that we do



What society thinks we do



What we think that we do



What our families think we do



What we actually do

# Why is cybersecurity a big deal?

### Social media



a hackers' favorite target



600,000

Facebook accounts are compromised every single day

## The most expensive computer virus of all times

MyDoom

Most importantly, cybercrime now funds serious crime, terrorism and is the #1 threat to national & personal security:



# http://www.informationisbeautiful.net/visualizations/worlds-biggest-data-breaches-hacks/

### What jobs could I do?













## Or do ALL of them!

Cybersecurity is such a new and rapidly expanding industry that people do lots of different jobs in their career.

Many of you will have a job that hasn't even been invented yet:

Cybersecurity Officer for the Manned Mars Mission in 2035 anyone?







Having Meetings and Giving Presentations



Performing
Technical
Research and
Testing



#### What are the benefits?

### 1,000,000 unfilled, open jobs in cybersecurity **TODAY...** and that number is growing.

#### TECH NATION 2017



**IN NUMBERS** 



DIGITAL TECH INDUSTRIES TURNOVER





TECH INVESTMENT IN THE UK



HIGHER THAN ANY OTHER EUROPEAN COUNTRY

£51K

AVERAGE DIGITAL SALARY IN THE UK



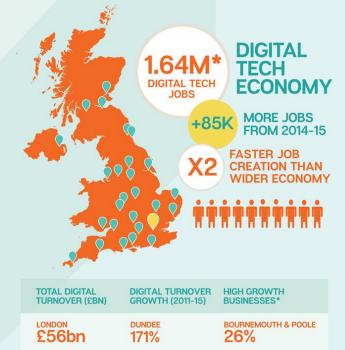
+44%

HIGHER THAN THE NATIONAL AVERAGE

£97BN\*

DIGITAL TECH INDUSTRIES CONTRIBUTION TO UK ECONOMY

\*Business Structure Database (2015)

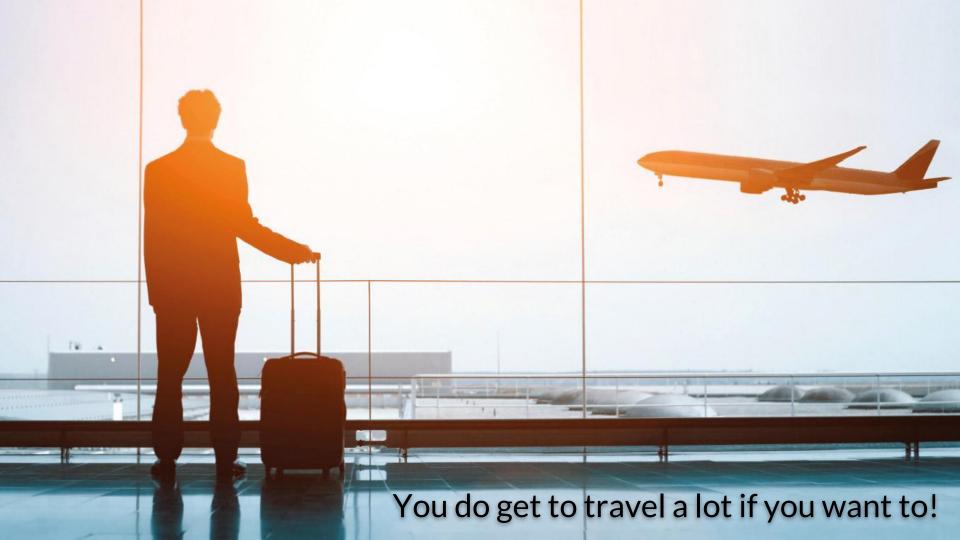


TOTAL DIGITAL TURNOVER (£BN)	DIGITAL TURNOVER GROWTH (2011-15)	HIGH GROWTH BUSINESSES*
£56bn	171%	BOURNEMOUTH & POOLE 26%
£12.5bn	106%	NEWCASTLE 22%
£8.1bn	SUNDERLAND 101%	20%
£2.9bn	BRISTOL & BATH	GLASGOW 19%
£2.1bn	EDINBURGH 85%	BRIGHTON 18%

\*Business Structure Database (2015)

The UK is at the forefront of the technology and cybersecurity industries in Europe.

Reading is the centre of this for the UK



Continuous Learning... sorry, **Education isn't** something you can finish



#### Working in the cybersecurity industry

*Is* for you, if you like:

- Technology
- Solving problems creatively
- Working with different types & different cultures
- Seeing lots of different types of businesses and organisations
- Always learning something new
- Helping others

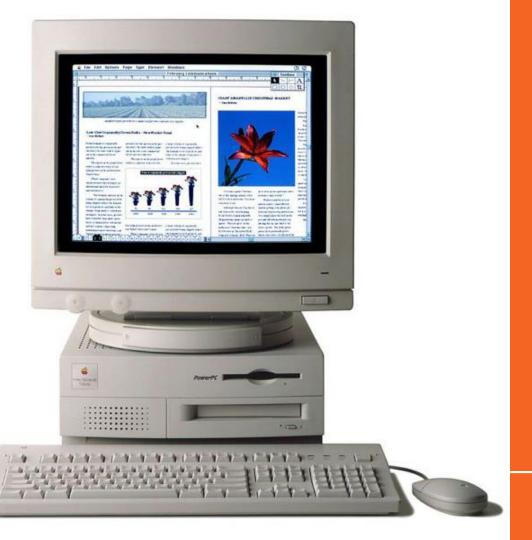
Is **not** for you, if you want:

- A job that's just '9 to 5'
- A really physical or outdoor job unless cyber warfare in the Army is your thing!
- To be doing the same things in 2 years

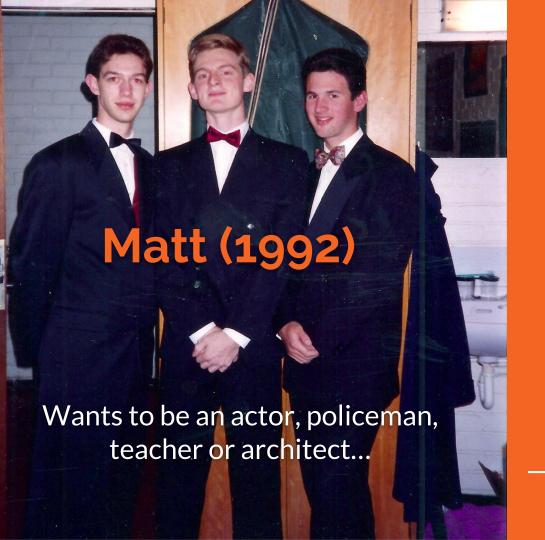
### How did WE get here?



- Studied International Baccalaureate In Sweden
- Politics and International Relations at Reading University
- Worked in Retail, then Telemarketing
- Cybersecurity
- And now...



Apple Macintosh 1992



- School: 8 GCSEs
- Sixth Form: 4 A-Levels
- Studied English & History
   University of Exeter\*
- Actor
- IT Helpdesk
- Cyber Security
- And now...

### How should YOU get here?

#### You (2018)

Good at *analytical* or *creative* thinking

Team sports and activities

Passionate about technology

