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**SKILLS**  
Anytime, Anywhere

# Course Curriculum



## Cyber Security And Privacy Skills in IOT

### Course Description:

Learn a practical skill-set in defeating all online threats, including - advanced hackers, trackers, malware, zero days, exploit kits, cybercriminals and more.

Become a Cyber Security Specialist - Go from a beginner to advanced in this easy to follow expert course. Covering all major platforms - Windows 7, Windows 8, Windows 10, MacOS and Linux.

This course covers the fundamental building blocks of your required skill set - You will understand the threat and vulnerability landscape through threat modeling and risk assessments.

We explore the Darknet and mindset of the cyber-criminal. Covering malware, exploit kits, phishing, zero-day vulnerabilities and much more.

You will learn about the global tracking and hacking infrastructures that nation-states run. Covering the NSA, FBI, CIA, GCHQ, China's MSS and other intelligence agencies capabilities.

You will understand the foundations of operating system security and privacy functionality. A close look at the new Windows 10 privacy issues and how to best mitigate them.

There is a complete easy to follow a crash course on encryption, how encryption can be bypassed and what you can do to mitigate the risks.

Master defences against phishing, SMSing, vishing, identity theft, scam, cons and other social engineering threats.

Finally, we cover the extremely important, but underused security control of isolation and compartmentalization. Covering sandboxes, application isolation, virtual machines, Whonix and Qubes OS.

This is volume 1 of 4 of your complete guide to cybersecurity privacy and anonymity.

### Course Requirements:

- A basic understanding of using operating systems, networks, and the Internet. Be able to download and install the software. A willingness to learn.
- Please note this is Volume 1 of 4 of the complete course. After the completion of all 4 volumes, you will know more than 80% of security professionals, government and law enforcement agents and even expert hackers about maintaining security, privacy, and anonymity.

## What you'll learn:

- An advanced practical skillset in defeating all online threats - advanced hackers, trackers, malware and all Internet nastiness including mitigating government spying and mass surveillance.
- Start a career in cybersecurity. Become a cybersecurity specialist.
- The very latest up-to-date information and methods.
- We cover operating system security, privacy, and patching - On Windows 7, Windows 8, Windows 10, macOS and Linux.
- Explore the threat landscape - Darknets, dark markets, zero-day vulnerabilities, exploit kits, malware, phishing and much more.
- You will master encryption in an easy to follow the crash course.
- Go in-depth into security through physical and virtual isolation and compartmentalization. Covering sandboxes, application isolation, virtual machines, Whonix and Qubes OS.
- You will learn about nation-state secret tracking and hacking infrastructure.
- A certificate of completion is available signed by the instructor Nathan House so CPE credits can be claimed. An off-site sign-up is required to provide your details for this

## Who this course is for:

- This course is for anyone who wants to become an expert in security, privacy, and anonymity. This volume covers the required foundation building blocks of that skill set.
- For anyone who would love to gain a practical skillset in mitigating the risk from, malware, Trojans, hackers, tracker, cybercriminals and all online threats.
- This course is for anyone who wants to keep their precious files, emails, accounts and personal information out of the hands of the bad guys.
- For beginners and intermediate Internet users who are interested in security, safety, and privacy.
- For those who want privacy and anonymity online from hackers, corporations and governments.
- This course is designed for personal and home Internet security, privacy, and anonymity. Most of the topics apply in the same way to a business, but the course is delivered as if to an individual for personal Internet security, privacy and anonymity.

# CONTACT US



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