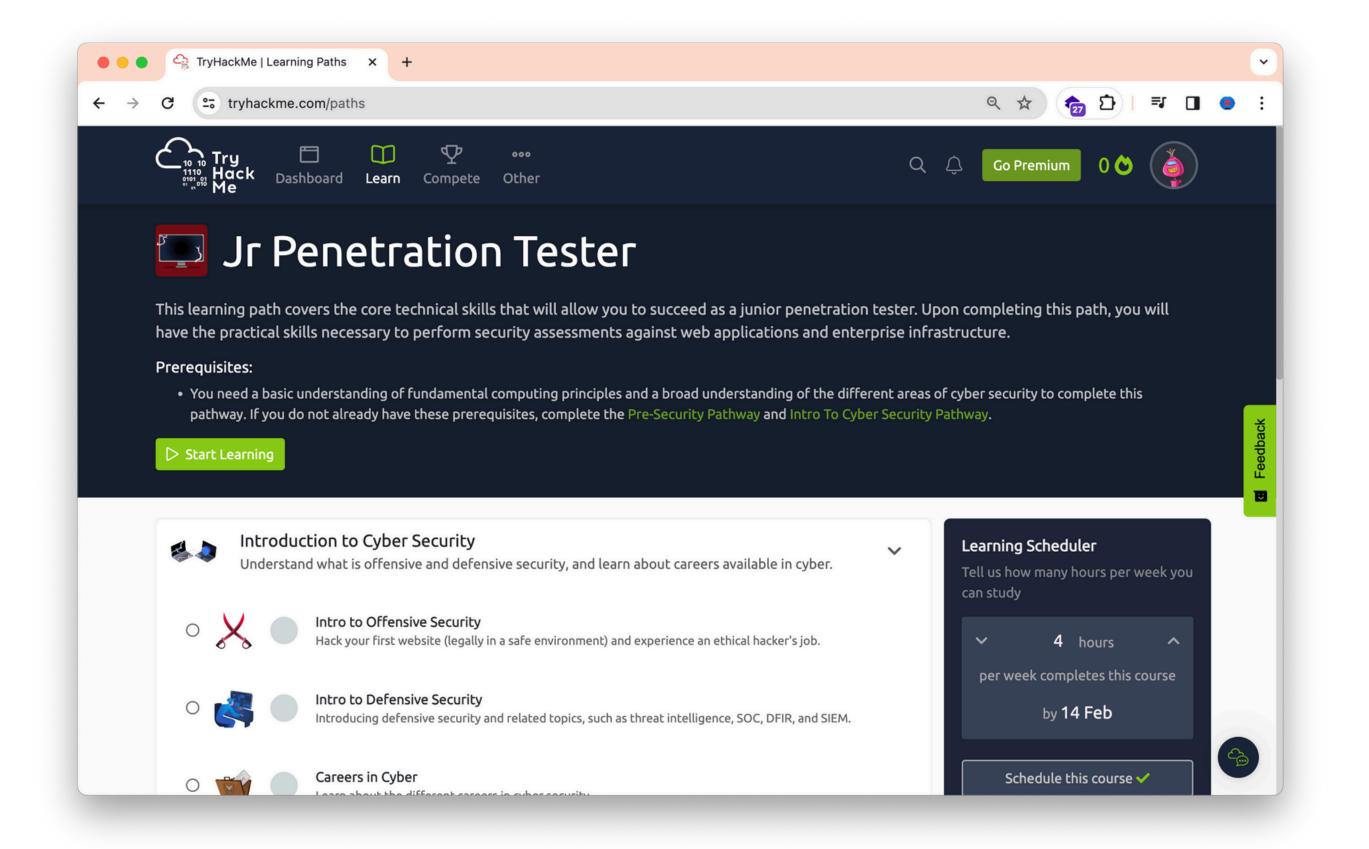
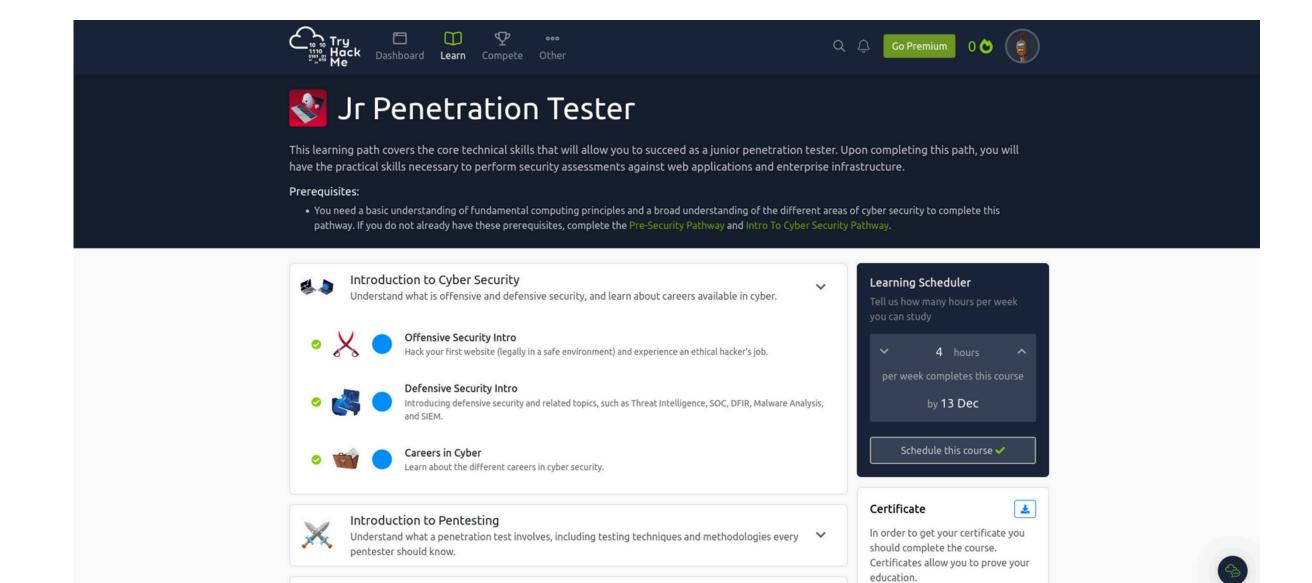


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CYBER SECURITY

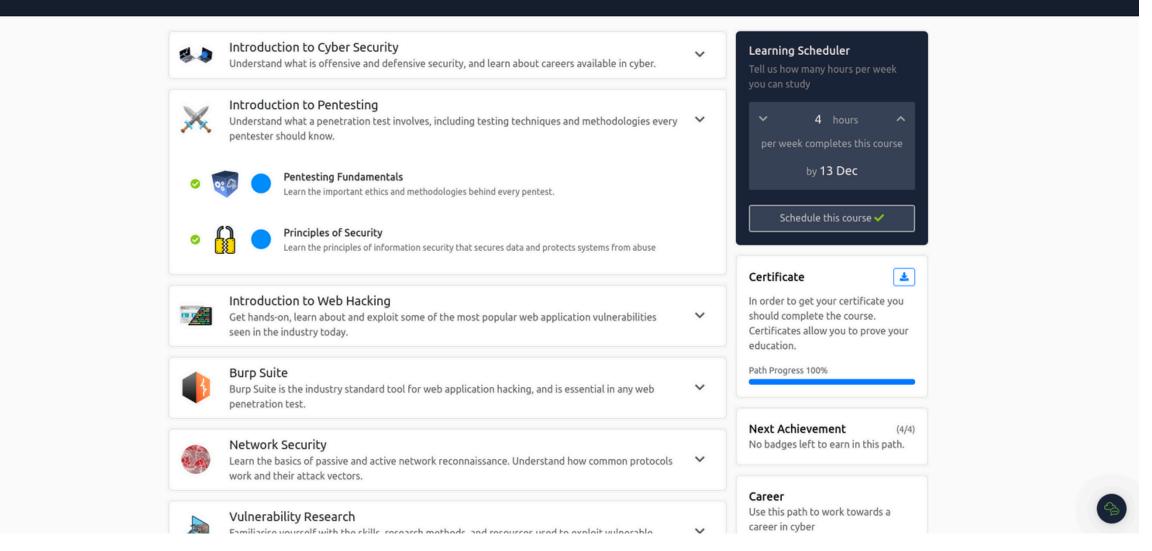


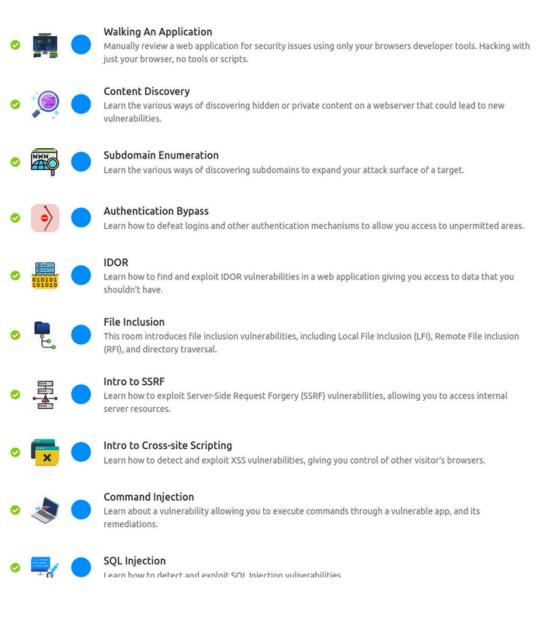


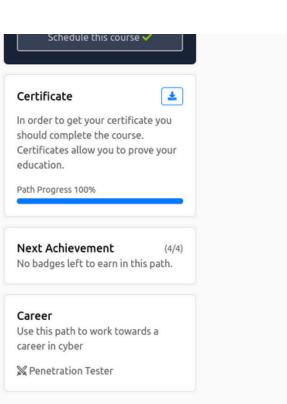
Introduction to Web Hacking

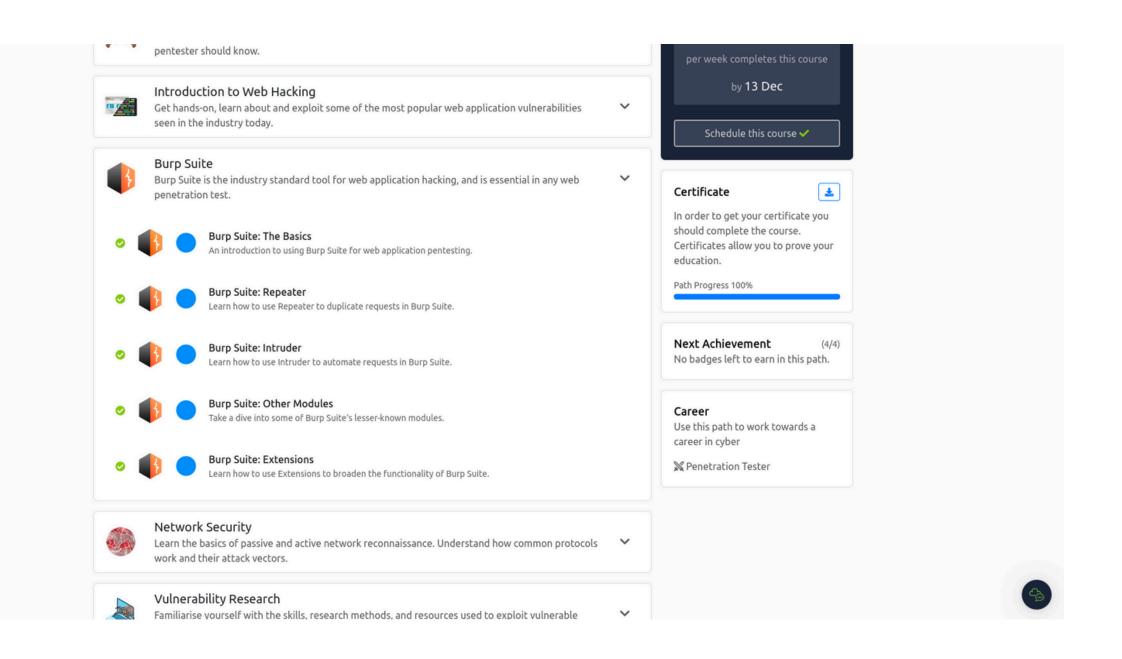


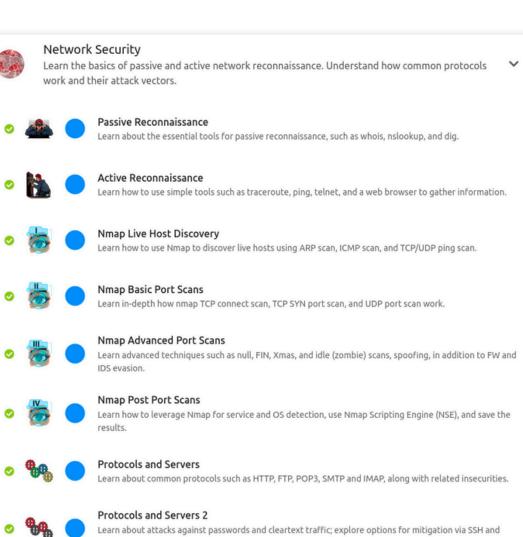
• You need a basic understanding of fundamental computing principles and a broad understanding of the different areas of cyber security to complete this pathway. If you do not already have these prerequisites, complete the Pre-Security Pathway and Intro To Cyber Security Pathway.











Practice the skills you have learned in the Network Security module.

Net Sec Challenge

should complete the course.
Certificates allow you to prove your education.

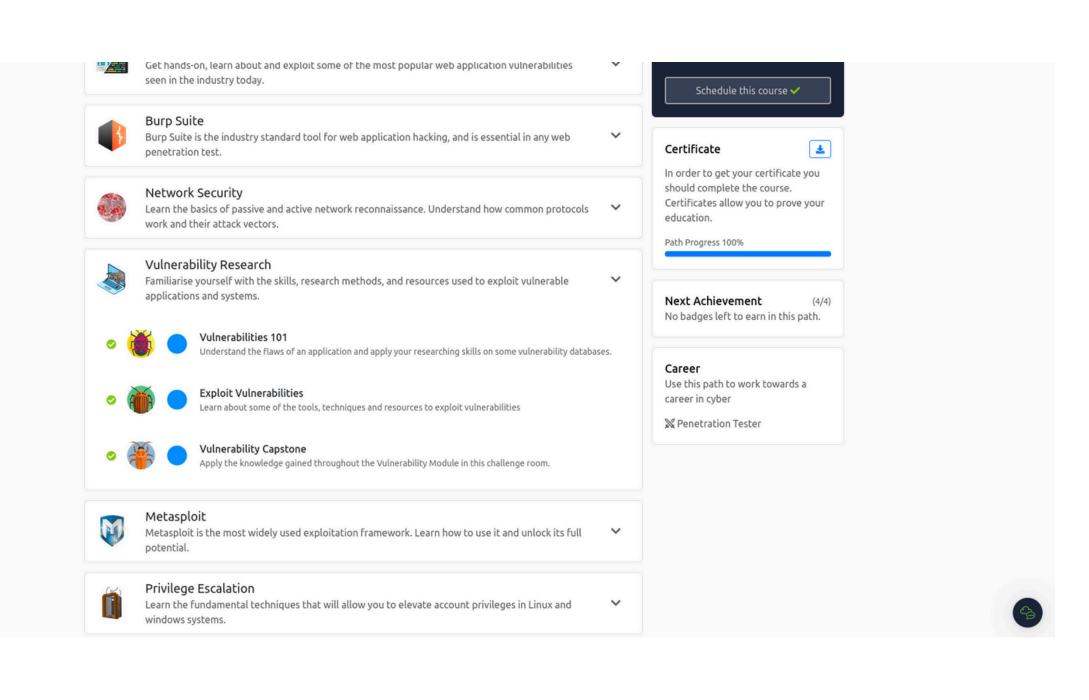
Path Progress 100%

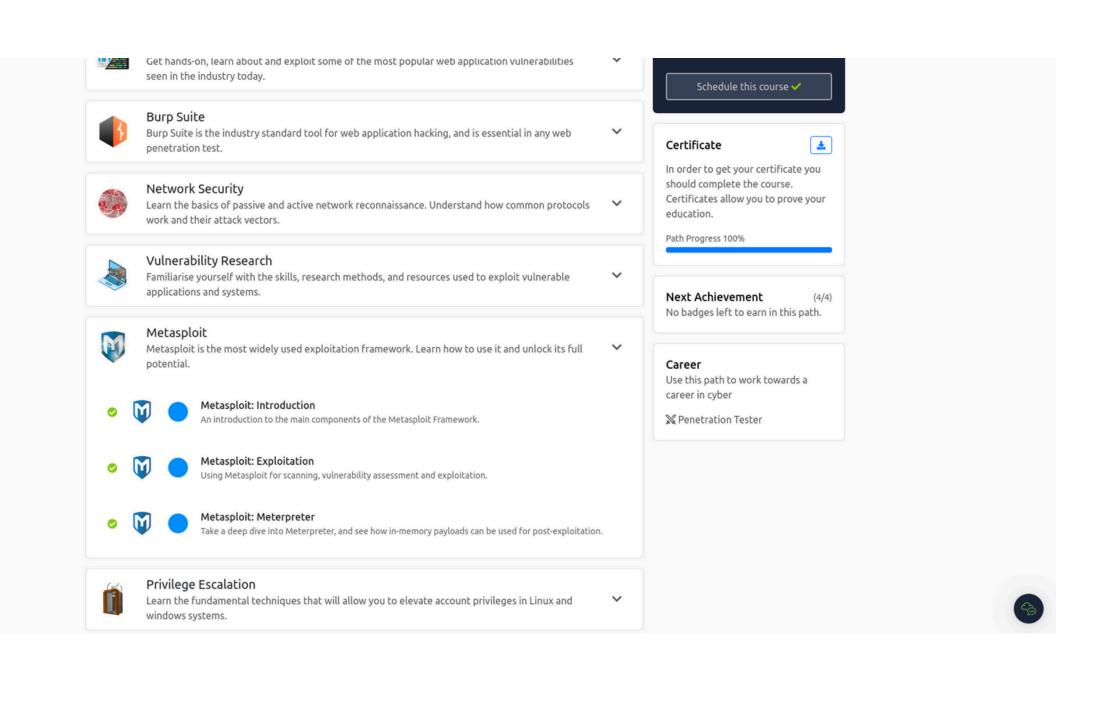
Next Achievement (4/4) No badges left to earn in this path.

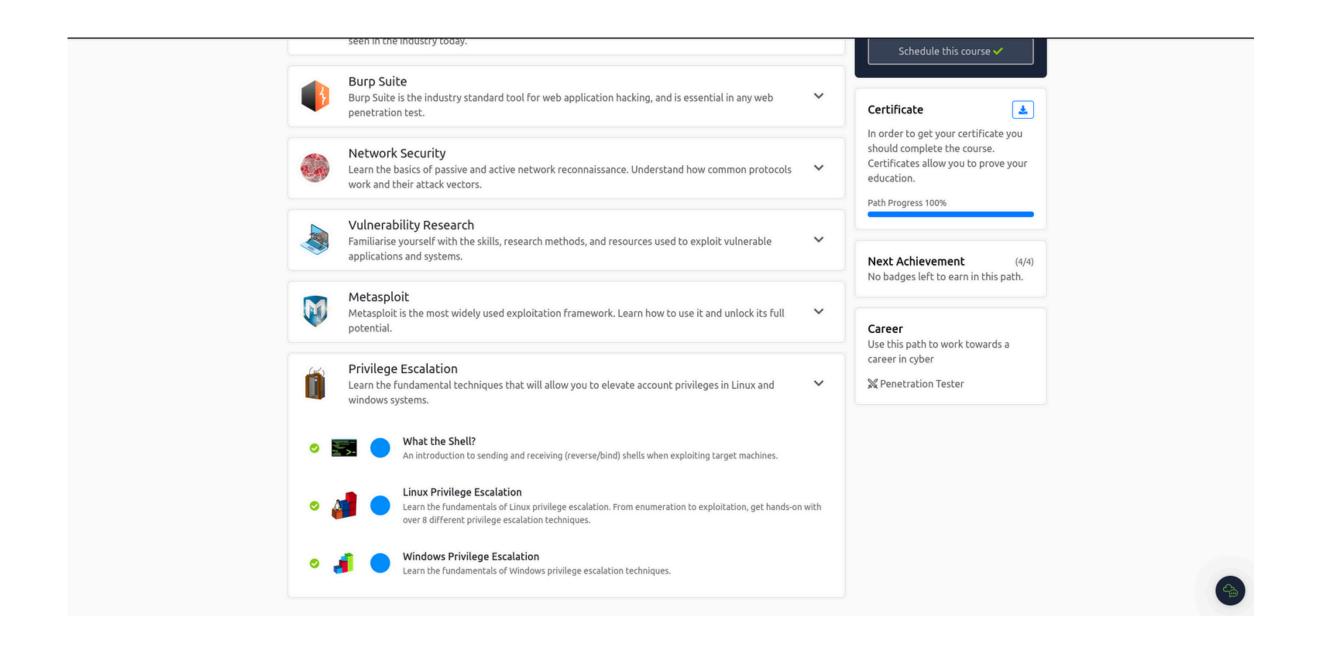
Career

Use this path to work towards a career in cyber

X Penetration Tester



























Offensive Pentesting

No matter where you are, the skills and requirements for a penetration tester will be the same. You'll be required to have a good understanding of various aspects within information security including web applications, networks and sometimes even low level technology like assembly. A good understanding of these technologies is essential to learning how to exploit them.

The aim of this path is to make you ready for real world penetration testing by teaching you how to use industry standard tools along with a methodology to find vulnerabilities in machines. By the time you complete this path, you will be well prepared for interviews and jobs as a penetration tester. To complete this path you should have a basic to medium understanding of computing.

You can use this pathway to help you acquire the skills needed to go and get certified by well known certifiers in the security industry.

Prerequisites:

 You need to be comfortable with web application security and network security to complete this pathway. If you do not already have these prerequisites, complete the Junior Penetration Tester Pathway.



Getting Started

Lets get started with a few easy rooms which will give you practice in the following areas:

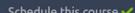


- Active Reconnaissance
- Vulnerability Scanning
- Privilege Escalation
- Web Application Attacks

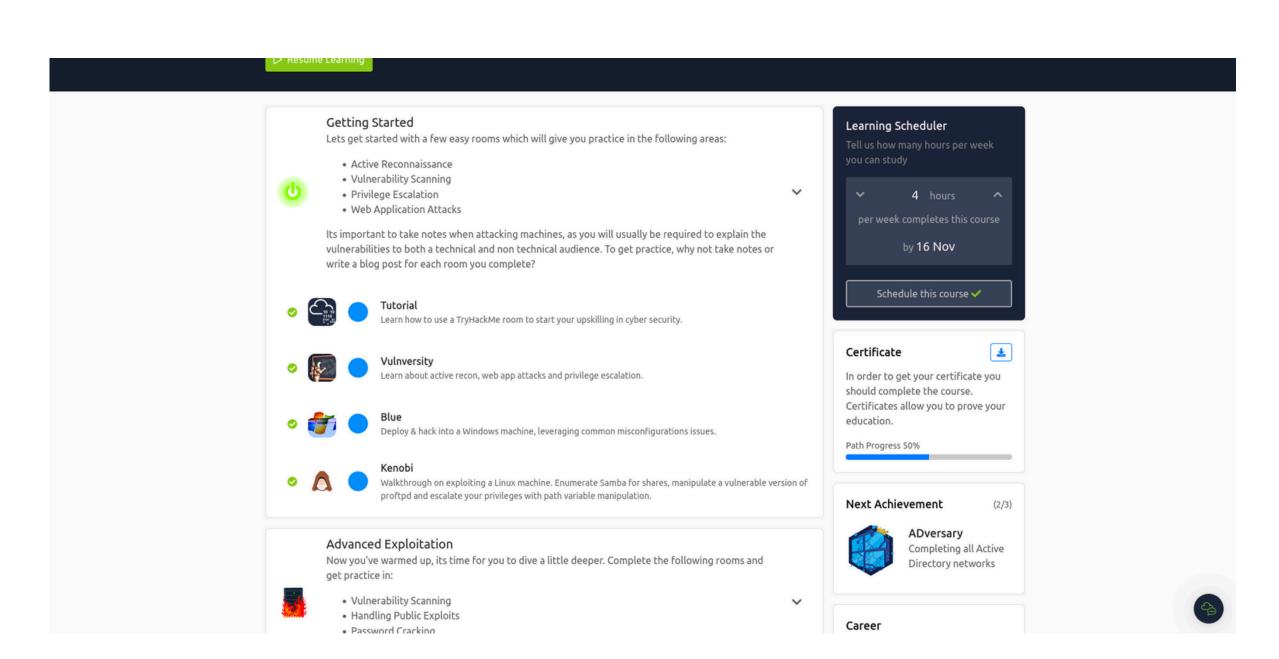
Its important to take notes when attacking machines, as you will usually be required to explain the vulnerabilities to both a technical and non technical audience. To get practice, why not take notes or write a blog post for each room you complete?

Learning Scheduler









vulnerabilities to both a technical and non technical audience. To get practice, why not take notes or write a blog post for each room you complete?

Advanced Exploitation

Now you've warmed up, its time for you to dive a little deeper. Complete the following rooms and get practice in:



- Vulnerability Scanning
- Handling Public Exploits
- Password Cracking
- Metasploit Framework
- Port Redirection





Steel Mountain

Hack into a Mr. Robot themed Windows machine. Use metasploit for initial access, utilise powershell for Windows privilege escalation enumeration and learn a new technique to get Administrator access.





Alfre

Exploit Jenkins to gain an initial shell, then escalate your privileges by exploiting Windows authentication tokens.





HackPark

Bruteforce a websites login with Hydra, identify and use a public exploit then escalate your privileges on this Windows machine!





Game Zon

Learn to hack into this machine. Understand how to use SQLMap, crack some passwords, reveal services using a reverse SSH tunnel and escalate your privileges to root!





Skyn

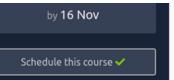
A vulnerable Terminator themed Linux machine.





Daily

Compromise a Joomla CMS account via SQLi, practise cracking hashes and escalate your privileges by taking advantage of yum.



Certificate



In order to get your certificate you should complete the course.
Certificates allow you to prove your education.

Path Progress 50%

Next Achievement





ADversary

Completing all Active Directory networks

Career

Use this path to work towards a career in cyber

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- · WILLOWS DOLLET OVELLION VOULEI BUILDING
- Basic exploit development
- Exploitation of services vulnerable to buffer overflow

Active Directory

Windows Active Directory environments by and large dominate the corporate and governmental world's organizational networking structure. Active Directory allows user and service interaction from machines within the domain, rather than individual workstations. A Domain Controller manages user accounts, services, networking shares, and more. In this section, users will learn





- Active Directory Basics
- Attacking Kerberos
- Exploiting a Domain Controller
- Post exploitation tasks

Extra Credit

Having come this far, these rooms should be a breeze for you to complete. As TryHackMe releases more content, this pathway is constantly being developed, and so more rooms might be added.







Hacking with PowerShell

Learn the basics of PowerShell and PowerShell Scripting





Bypass Windows Applocker and escalate your privileges. You will learn about kerberoasting, evading AV, bypassing applocker and escalating your privileges on a Windows system.





Based on the Mr. Robot show, can you root this box?







Career

Use this path to work towards a career in cyber

X Penetration Tester

