IT SECURITY

Skill Tree: Color in the Boxes

Color in the boxes of anything you've already completed, visualize your skills and identify your skill gaps. Get inspired to try new things and tailor the skill tree to suit your own journey by swapping in your own goals.

ADVANCED

(set your own goal)
(set your own goal)
(set your own goal)
(set your own goal)
(set your own goal)

Teach a class on cybersecurity
Build an IT management system
Participate in a capture the flag activity
Participate in a red team vs. blue team activity
Claim a bug bounty
Participate in a Hackathon
Take the LPI Security Essentials Exam
Learn to use Nmap responsibly
Protect a website by limiting login attempts
Learn to use wireshark responsibly
Set up an email spam filter
Make an emergency mitigation plan
Check if email addresses use TLS before emailing
Learn to encrypt your devices
Learn about identity management
Set up a website with a TLS cert
Use a rootkit scanner
Understand browser fingerprinting and user tracking
Set up multiple backups for files
Teach a friend a cybersecurity skill
Do a personal data review and clean
Understand the implications and risks of data leaks
Learn about end to end encryption
Review and remove unused software
Learn about OTP and TOTP
Understand use of S/MIME
Use Kali Linux
Learn about Wardriving
Learn about X.509 certificates
Submit a bug report
Learn about Firewall settings & iptables/nftables
Learn about cryptography
Learn about PKI, Certificate Authorities and Trusted Root-CAs
Learn about Zero Trust
Learn about ISO 27001
Read CVE Details
Learn about NIST Frameworks
Learn about keylogging
Learn about responsible disclosure
Learn about TOR
Learn about local privacy laws
Learn about data minimalism
Learn about unencrypted and public WiFi
Understand security risks of bluetooth
Learn about local cybersecurity laws
Learn about malware, ransomware and recent threats
Learn about rootkit and remote access
Read the Docs
Learn how to use SSH
Learn about SQL Injections
Get a VPN
Learn how to use GPG
Learn about RFID / NFC Basics
View the source code of a website
Re-install an operating system
Sign up for 'Have I been pwnd?'
Understand HTTPS
Mange your privacy settings on social media
Get an Adblocker
Block and report a scam
Set up 2 factor authentication or a passkey
Use complex passwords, never used twice
Change the default name and password on router
Set up a password manager
Spot a scam email or text
Set up backups for your data
Update your operating system
Update your operating system on mobile

BASICS

START HERE

1 tile = 1 point

Total Score

Name: _____

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