Capture the Flag

pr4ct1c3/c0mp3t3

Practicing as many challenges as possible and taking part in CTFs regularly is a good way of getting better at them and learning more about cybersecurity.

- ctftime
- picoCTF
- tryhackme
- HackTheBox
- Google CTF
- CTFlearn
- CryptoHack
- crackmes
- backdoor
- pwnable.kr
- reversing.kr
- webhacking.kr
- w3challs
- pwnable.xyz
- pwnchallenge
- hackxor
- vulnhub
- OWASP Juice Shop
- Damn Vulnerable Web Applications

r34d1n6

Your best friend here is Google. Search for whatever you'd like to learn about in the "correct" way and you'll always find good material to read and learn from. Practicing will get you quite far but you must get into the habbit of reading research papers and staying up-to-date with new vulnerabilities and exploits. Many advanced CTF challenges are created from ideas present in research papers. Here are some beginner resources:

- HackTricks
- b10s wiki
- CTF101
- Hacking Security Ebooks
- IIT Breachers
- Trail of Bits
- Basic CTF Resources
- rop tutorial
- ir0nstone notes

w47ch1n6

Don't binge! Watch a video and practice what you learnt.

- John Hammond
- CryptoCat
- Live Overflow
- Pwnfunction
- HackerSploit
- BugBountyReportsExplained
- IppSec
- TheCyberMentor
- NahamSec
- NetworkChuck
- CyberInsight
- GynvaelEN
- InsiderPhD
- 13Cubed
- MurmusCTF
- MalwareAnalysisforHedgehogs

700l5

Hello, friend.

r3v3rs3 3ng1n33r1n6 4nd pwn

- gdb
- pwndbg
- gef
- peda
- gdb-peda-pwndbg-gef
- ghidra
- ida
- radare2
- angr
- triton
- binaryninja
- barf
- hopper
- qemu
- binwalk
- ROPgadget
- one_gadget
- ropper
- checksec
- ltrace
- snowman
- APK Tool
- windbg

cryp70gr4phy

- z3
- sage
- dcodefr
- ciphey
- CyberChef
- RsaCtfTool
- padding-oracle-attacker
- pycryptodome
- vigenere solver
- quipqiup
- xortool
- yafu

h45h cr4ck1n6

- Hashcat
- Hash Identifier
- John the Ripper
- hashkill
- Crackstation
- nozzlr
- patator
- CeWL - Custom Wordlist Generator
- pkcrack

n3tw0rk1n6

- nmap
- wireshark
- termshark
- masscan
- tcpdump
- houdini

m3m0ry f0r3ns1c5

- volatility
- shellbags
- usbrip

5t364n06r4phy

- exiftool
- exiv2
- stego-toolkit
- stegseek
- steghide
- stegsnow
- stegsolve
- stegosaurus
- pngcheck

- pngtools
- audacity
- sonic-visualiser
- DTMF Tones
- stegolsb
- zsteg
- jsteg
- foremost
- aircrack-ng
- ophcrack
- qpdf
- pdfparser
- peepdf

051n7

- sherlock
- Photon
- osintgram
- phoneinfoga

07h3r fr4m3w0rk5

- pwntools
- Burp Suite
- Postman
- Metasploit

p4yl04d5/4tt4ck5/5c4nn3r5

- PayloadsAllTheThings
- AwesomeXSS
- hydra
- bettercap
- sqlmap
- SSRFmap
- XSStrike
- ysoserial
- commix
- Markdown XSS Payloads
- Corsy
- fuxploider
- tplmap
- dirbuster
- dirb
- SSRF Payloads
- XSRF Probe

3x7r45

- Attack-Defense challenges
- awesome-ctf
- awesome-ctf-cheatsheet
- CTF-CheatSheet
- ctf-tools
- ctf-katana
- Awesome hacking resources
- how2heap
- Privelege Escalation Cheatsheet
- Collection of web challenges
- ctf-pwn-tips