

CTF

There are 3 type CTF:

1. Jeopardy
2. Attack-Defence
3. Mixed

Category >> Cryptography, Steganography, Web Exploitation, Forensics, PWN. Reverse Eng, Miscellaneous, Osint

Cryptography Tool::: Cybershef, XORTool, Cryptii, decore.fr, RSATool, hashes.com, boxentriq.com, morsecode.world and many more

Steganography :: Steghide, Stegsolve, StegCracker, Exiftool, Sonic Visualizer, Online Stego Tool and Many more.

Web Exploitation::

Learn Basic About Web Technology :: Http, Http Request, Status code, Cookies Basic Htm./CSS, Php, Javascript

Pick a Vulnerability type and learn in deep about it, then move to another
XSS, SQLi, CSRF, LFI, RFI, IDOR, SSRF

Tools : BurpSuite, Gobuster, Nikto, hackbar, nmap, sqlmap, many more

Reverse Eng Tool >> IDA pro, CFF Explorer, Ghidra, OllyGbg, Itrace, Radare2, Apktool and Many more

Binary Exploitation::

Tools :: Pwntools, Ltrace, Strings, Gdb, radare 2, Ghidra and many more

Programming :: C , Assembly , Python

Digital Forensic::

There are 2 types :: Public-Sector investigation, Private-Sector Investigation

Tools	Link
Hash Tools	Hashid, Hash=identifier [for kali linux] Online Tools:: Tunnelsup , hashes.com , Decode.fr
Hash Encoder/Decoder	Offline Tools - Hashcat, hash generator, BCTextEncoder, BlueCode Online Tools- Cybershef , MD5hashing , Decode.fr
Cipher (or Cypher) Tools	Cipher Identifier , Shift Cipher Symbol Cipher
Encode/Decode	https://cryptii.com https://gchq.github.io/CyberChef https://www.boxentriq.com/code-breaking/atbash-cipher https://morsecode.world https://www.dcode.fr/langage-brainfuck https://cryptii.com/pipes/binary-decoder https://github.com/hellman/xortool/
Steganography (Tools)	Web Tools: Steganography , aperisolve.com , hfutureboy.us , Steganography Text : irongreek Audio Analyzer: sonicvisualiser.org/ audacityteam.org/
Image	Steghide : sudo apt-get update , sudo apt install steghide Kali Linux Tools: Binwalk , Exiftool , Zsteg , StegCracker Image Windows Tools : OpenStego stegsolve stegsolve HxD ExifTool , QR Code Scanner
Problem Solving	CTF
Web Exploitation	picoCTF TryhackMe , TryHackMe , TryHackMe
Reverse Engineering	Tools: IDA Pro, CFF Explorer, Ghidra, OllyDbg, Itrace, radare2, apktool, and many more Learn : CTF101 , Reversing
Problem Solving	picoCTF , reverselfiles windowsreversingintro reloaded brainstorm
PWN Or BinaryExploitation	Details Tools: pwntools, Itrace , strings , gdb , radare 2, Ghidra and many more
Problem Solving	pwn101 , introtopwntools , binaryheaven , picoCTF Reference: ctf101.org , owasp.org , rapidtables.com
Forensics or Digital Forensics	Details Tools: Autopsy, hexeditor, foremost, binwalk, Wireshark, and many more
Problem Solving	btautopsy0 wireshark picoCTF
OSINT	ohsint , Osint
Miscellaneous Misc	Github , github
CTF Events	DEF CON CTF - CTF World Cup CSAW CTF iCTF BD BD
CTF Events Tracker	Ctftime.org upcoming hackthebox
CTF Ranking	Global

CTF Resources	https://ctflearn.com/ https://tryhackme.com/ https://ctf101.org/
Practice Platform	https://ctflearn.com/ https://ctf.hackthebox.com/ https://picoctf.com/ http://pwnable.kr/ https://ctf.hackme.quest/ https://ringzer0ctf.com/ http://reversing.kr/
GitHub	https://github.com/JohnHammond/ctf-katana https://github.com/ctfs/ https://github.com/p4-team/ctf/
YouTube Channel	John Hammond,Hacker Joe,LiveOverflow,ShmooCon,IppSec,OWASP
Writesup	https://ctftime.org/writeups