<https://null-byte.wonderhowto.com/how-to/hack-like-pro-find-exact-location-any-ip-address-0161964/>

<http://kmb.ufoctf.ru/stego/stegsolve/main.html>

<https://github.com/zardus/ctf-tools/blob/master/stegsolve/install>

<https://wargame.whitehat.vn/Challenges/ChallengesContest/38>

Redteams.net

~~How to break into Toyota canyon~~

Program that removes systemfiles (They screw up copying data) and maybe add on finding duplicate files and rid of invalid url and empty folders

Eggshell cracking (iPhone/IOS)

* <https://www.youtube.com/watch?v=3hITafnHgJs>

<http://www.computersecuritystudent.com/UNIX/FEDORA/lesson1/index.html>

<https://null-byte.wonderhowto.com/forum/use-null-byte-study-become-professional-hacker-0159816/>

KOplayer to emulate an android

Jailbreaking iPhone

<https://gist.github.com/heiswayi/502fd1dd79c985a58c58>

<https://pythonprogramming.net/image-recognition-python/>

<https://www.pyimagesearch.com/2017/07/10/using-tesseract-ocr-python/>

<https://www.endgame.com/blog/technical-blog/how-get-started-ctf>

<https://github.com/apsdehal/awesome-ctf>

More Hacking Tools

<https://www.youtube.com/watch?v=oBpo5sElrMY>

<https://www.youtube.com/watch?v=Q8hAjEaAgE8>

<https://www.youtube.com/watch?v=kCSu9gLx6Lw>

Shell code

<https://github.com/MunGell/awesome-for-beginners>

Look into Snort

How to get past NC Challenges

LLVM – OSX disassembler

Ocfa for forensics

Build Sudoku Code again

Morse code decoder based on prediction and not reading it straight through

PHP Vulnerabilities

SQLmap

What is the requirement to speak at Def Con

<http://www.cs.fsu.edu/~redwood/OffensiveComputerSecurity/lectures.html>

Payloads  
https://pentestbox.org

Over the wire

DEEP image search: <https://www.pyimagesearch.com/2014/11/10/histogram-oriented-gradients-object-detection/>

Things to look at

Arp cache capturing

Defcon.com

<https://captf.com/practice-ctf/>

<https://trailofbits.github.io/ctf/>

<https://www.youtube.com/watch?v=BcDbKlz06no>

<https://www.youtube.com/watch?v=BQPkRlbVFEs>

<https://www.youtube.com/watch?v=P2_2ArKPzds&list=PLt_Hvzh8oeR5S27UaoKDx2qqYZcpokGL5&index=4>

Smash the Stack

<https://developer.nvidia.com/how-to-cuda-python>

<https://www.anaconda.com/distribution/>

Parallel Computing

Read website hacking book

List of hacking websites

Scan website for vulnerabilities (Firewall)

Reverse engineering books

~~Learn php and MySql – Tough but going to because have a class on it~~

Metasploit and Wireshark , zero day book

~~Make more videos – Taking a break because I have done almost all of the ones possible to me.~~

Enterprise security risk management

<https://www.hackthis.co.uk/>

Investigating browser history

Pen Test Book

copying partition images, and netcat instances

Get into hacking communities

Involved in oswpa derbycon

Black hat.com

NSA.gov/ia/acedemic\_outreach/

Nat\_cae/index.html

We.penetration-standard.org

Areas

Ethical hacking

Web application security

System security

Reverse engineering

Tool development

Malware analysis

Defense security

Software security

Digital forensics

Wireless security

Owasp top ten projects

Metasploit unleashed

De-Ice

Heorot.net/livecds

Hacker defender and 3 files

Pass the hash?

Practice websites?

What is zone transfer?

What is lst filetype?

Movie swordfish

**Research The Stuff in the Pen Testing Notes**

Look into maintaining a permeant backdoor

<https://www.wonderhowto.com/>

<https://www.youtube.com/watch?v=EnlDejocu3o>

<https://null-byte.wonderhowto.com/how-to/hack-like-pro-crack-passwords-part-4-creating-custom-wordlist-with-crunch-0156817/>

<https://null-byte.wonderhowto.com/how-to/seize-control-router-with-routersploit-0177774/>

<http://gifcreator.me/>

<https://github.com/Hack-with-Github/Awesome-Hacking>

Metadata Extrator

<https://github.com/drewnoakes/metadata-extractor>

Vulnerability scanning

How to get ports open on a website

Downloading steogo magic.

Advance cookie manager to manipulate cookies on firefox (Log into someones account)

Steal cookies through XSS or packet sniffin

Popular attack: DNS changer

Hacking websites from book 2 (Not the best)

Hellbound hackers

How to wipe IE history

Viewing IE history

SANS & Rob lee

How does checking archives work on 7z

<https://www.vulnhub.com/resources/>

How does Bluetooth pairing work

Termineter

Questions

Automated XSS scripting

SQL injections

Cookies

Session id

Manipulating what variables

Webshells

***(Executing a file in CMD)***

OSSTM and PTES methodologies

Configure and starting Nessus (pg 29)

Nikto (pg 32)

Update : perl nikto.pl -update

Metasploit vm

Sharingmyip.com – gets information for websites (ip, dns, services ip, etc)

Burp as a proxy

Intercept turn off if not loading

Prompt for guidance

Contact us and forms problems (automated)

Linux add admin

Windows add admin

Net local group administrators username /add

(Use is to escalate power or cat etc/passwd)

Networking

Creating a zeroday

File signatures

Encrypting executables

Guarantee authentication (on infected machines)

Tcp connection creation

Pgp & ssl