**A collection of awesome lists for hackers, pentesters & security researchers.**

Your [contributions](https://github.com/Hack-with-Github/Awesome-Hacking/blob/master/contributing.md) are always welcome !

**Awesome Repositories**

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| **Repository** | **Description** |
| [Android Security](https://github.com/ashishb/android-security-awesome) | Collection of Android security related resources  收集与android 安全相关的资源 |
| [AppSec](https://github.com/paragonie/awesome-appsec) | Resources for learning about application security  学习应用程序安全性的资源 |
| [Bug Bounty](https://github.com/djadmin/awesome-bug-bounty) | List of Bug Bounty Programs and write-ups from the Bug Bounty hunters  错误赏金程序和写从错误赏金猎人列表 |
| [CTF](https://github.com/apsdehal/awesome-ctf) | List of CTF frameworks, libraries, resources and softwares |
| [Cyber Skills](https://github.com/joe-shenouda/awesome-cyber-skills) | Curated list of hacking environments where you can train your cyber skills legally and safely |
| [DevSecOps](https://github.com/devsecops/awesome-devsecops) | List of awesome DevSecOps tools with the help from community experiments and contributions |
| [Exploit Development](https://github.com/FabioBaroni/awesome-exploit-development) | Resources for learning about Exploit Development |
| [Fuzzing](https://github.com/secfigo/Awesome-Fuzzing) | List of fuzzing resources for learning Fuzzing and initial phases of Exploit Development like root cause analysis |
| [Hacking](https://github.com/carpedm20/awesome-hacking) | List of awesome Hacking tutorials, tools and resources |
| [Hacking Resources](https://github.com/vitalysim/Awesome-Hacking-Resources) | Collection of hacking / penetration testing resources to make you better! |
| [Honeypots](https://github.com/paralax/awesome-honeypots) | List of honeypot resources |
| [Incident Response](https://github.com/meirwah/awesome-incident-response) | List of tools for incident response |
| [Industrial Control System Security](https://github.com/hslatman/awesome-industrial-control-system-security) | List of resources related to Industrial Control System (ICS) security |
| [InfoSec](https://github.com/onlurking/awesome-infosec) | List of awesome infosec courses and training resources |
| [IoT Hacks](https://github.com/nebgnahz/awesome-iot-hacks) | Collection of Hacks in IoT Space |
| [Malware Analysis](https://github.com/rshipp/awesome-malware-analysis) | List of awesome malware analysis tools and resources |
| [OSINT](https://github.com/jivoi/awesome-osint) | List of amazingly awesome Open Source Intelligence (OSINT) tools and resources |
| [OSX and iOS Security](https://github.com/ashishb/osx-and-ios-security-awesome) | OSX and iOS related security tools |
| [Pcaptools](https://github.com/caesar0301/awesome-pcaptools) | Collection of tools developed by researchers in the Computer Science area to process network traces |
| [Pentest](https://github.com/enaqx/awesome-pentest) | List of awesome penetration testing resources, tools and other shiny things |
| [PHP Security](https://github.com/ziadoz/awesome-php#security) | Libraries for generating secure random numbers, encrypting data and scanning for vulnerabilities |
| [Red Teaming](https://github.com/yeyintminthuhtut/Awesome-Red-Teaming) | List of Awesome Red Team / Red Teaming Resources |
| [Reversing](https://github.com/fdivrp/awesome-reversing) | List of awesome reverse engineering resources |
| [Sec Talks](https://github.com/PaulSec/awesome-sec-talks) | List of awesome security talks |
| [SecLists](https://github.com/danielmiessler/SecLists) | Collection of multiple types of lists used during security assessments |
| [Security](https://github.com/sbilly/awesome-security) | Collection of awesome software, libraries, documents, books, resources and cools stuffs about security |
| [Social Engineering](https://github.com/v2-dev/awesome-social-engineering) | List of awesome social engineering resources |
| [Static Analysis](https://github.com/mre/awesome-static-analysis) | List of static analysis tools, linters and code quality checkers for various programming languages |
| [Threat Intelligence](https://github.com/hslatman/awesome-threat-intelligence) | List of Awesome Threat Intelligence resources |
| [Vehicle Security](https://github.com/jaredthecoder/awesome-vehicle-security) | List of resources for learning about vehicle security and car hacking |
| [Vulnerability Research](https://github.com/re-pronin/awesome-vulnerability-research) | List of resources about Vulnerability Research |
| [Web Hacking](https://github.com/infoslack/awesome-web-hacking) | List of web application security |
| [Windows Exploitation](https://github.com/enddo/awesome-windows-exploitation) | List of awesome Windows Exploitation resources and shiny things |
| [WiFi Arsenal](https://github.com/0x90/wifi-arsenal) | Pack of various useful/useless tools for 802.11 hacking |
| [YARA](https://github.com/InQuest/awesome-yara) | List of awesome YARA rules, tools, and people |

**Other useful repositories**

| **Repository** | **Description** |
| --- | --- |
| [Adversarial Machine Learning](https://github.com/yenchenlin/awesome-adversarial-machine-learning) | Curated list of awesome adversarial machine learning resources |
| [AI Security](https://github.com/RandomAdversary/Awesome-AI-Security) | Curated list of AI security resources |
| [API Security Checklist](https://github.com/shieldfy/API-Security-Checklist) | Checklist of the most important security countermeasures when designing, testing, and releasing your API |
| [APT Notes](https://github.com/kbandla/APTnotes) | Various public documents, whitepapers and articles about APT campaigns |
| [Bug Bounty Reference](https://github.com/ngalongc/bug-bounty-reference) | List of bug bounty write-up that is categorized by the bug nature |
| [Cryptography](https://github.com/sobolevn/awesome-cryptography) | Cryptography resources and tools |
| [CTF Tool](https://github.com/SandySekharan/CTF-tool) | List of Capture The Flag (CTF) frameworks, libraries, resources and softwares |
| [CVE PoC](https://github.com/qazbnm456/awesome-cve-poc) | List of CVE Proof of Concepts (PoCs) |
| [Detection Lab](https://github.com/clong/DetectionLab) | Vagrant & Packer scripts to build a lab environment complete with security tooling and logging best practices |
| [Forensics](https://github.com/Cugu/awesome-forensics) | List of awesome forensic analysis tools and resources |
| [Free Programming Books](https://github.com/EbookFoundation/free-programming-books) | Free programming books for developers |
| [Gray Hacker Resources](https://github.com/bt3gl/My-Gray-Hacker-Resources) | Useful for CTFs, wargames, pentesting |
| [Hacker101](https://github.com/Hacker0x01/hacker101) | A free class for web security by HackerOne |
| [Infosec Getting Started](https://github.com/gradiuscypher/infosec_getting_started) | A collection of resources, documentation, links, etc to help people learn about Infosec |
| [Infosec Reference](https://github.com/rmusser01/Infosec_Reference) | Information Security Reference That Doesn't Suck |
| [IOC](https://github.com/sroberts/awesome-iocs) | Collection of sources of indicators of compromise |
| [Linux Kernel Exploitation](https://github.com/xairy/linux-kernel-exploitation) | A bunch of links related to Linux kernel fuzzing and exploitation |
| [Lockpicking](https://github.com/meitar/awesome-lockpicking) | Resources relating to the security and compromise of locks, safes, and keys. |
| [Machine Learning for Cyber Security](https://github.com/jivoi/awesome-ml-for-cybersecurity) | Curated list of tools and resources related to the use of machine learning for cyber security |
| [Malware Scripts](https://github.com/seifreed/malware-scripts) | Useful scripts related with malware |
| [Payloads](https://github.com/foospidy/payloads) | Collection of web attack payloads |
| [PayloadsAllTheThings](https://github.com/swisskyrepo/PayloadsAllTheThings) | List of useful payloads and bypass for Web Application Security and Pentest/CTF |
| [Pentest Cheatsheets](https://github.com/coreb1t/awesome-pentest-cheat-sheets) | Collection of the cheat sheets useful for pentesting |
| [Pentest Wiki](https://github.com/nixawk/pentest-wiki) | A free online security knowledge library for pentesters / researchers |
| [Probable Wordlists](https://github.com/berzerk0/Probable-Wordlists) | Wordlists sorted by probability originally created for password generation and testing |
| [Resource List](https://github.com/FuzzySecurity/Resource-List) | Collection of useful GitHub projects loosely categorised |
| [Reverse Engineering](https://github.com/onethawt/reverseengineering-reading-list) | List of Reverse Engineering articles, books, and papers |
| [RFSec-ToolKit](https://github.com/cn0xroot/RFSec-ToolKit) | Collection of Radio Frequency Communication Protocol Hacktools |
| [Security Cheatsheets](https://github.com/andrewjkerr/security-cheatsheets) | Collection of cheatsheets for various infosec tools and topics |
| [Security List](https://github.com/zbetcheckin/Security_list) | Great security list for fun and profit |
| [Shell](https://github.com/alebcay/awesome-shell) | List of awesome command-line frameworks, toolkits, guides and gizmos to make complete use of shell |
| [ThreatHunter-Playbook](https://github.com/Cyb3rWard0g/ThreatHunter-Playbook) | A Threat hunter's playbook to aid the development of techniques and hypothesis for hunting campaigns |
| [Web Security](https://github.com/qazbnm456/awesome-web-security) | Curated list of Web Security materials and resources |