

Computer Networking:

HTTP - TCP/IP Model
Linux - Command line
Web Application technologies.
Networking basics

Programming:

Web programming languages are JavaScript, HTML, and CSS. Just being able to read basic syntax is more than enough.

OWASP Web Top 10.
OWASP Mobile Top 10.

Books:

Web Application Hacker's Handbook
The Mobile Application Hacker's Handbook
Mastering Modern Web Penetration Testing
<https://www.bugcrowd.com/hackers/bugcrowd-university>

[/private/mastering-modern-web-penetration-prakhar-prasad.pdf](#)
[/private/Metasploitable_SetUpGuide.pdf](#)

Tools:

Assetfinder - <https://github.com/tomnomnom/assetfinder>
Httpprobe/httpx - <https://github.com/tomnomnom/httpprobe>
XSScrapy - <https://github.com/DanMcInerney/xsscrapy>
Dirsearch - <https://github.com/maurosoria/dirsearch>
MOBSF - <https://github.com/MobSF/Mobile-Security-Framework-MobSF>

Hands on:

BWapp
DVWA - <https://dvwa.co.uk/>
OWASP Webgoat
PentesterLab - <https://pentesterlab.com>
Hacker101 - <https://www.hacker101.com/>
Hackthebox - <https://www.hackthebox.eu/>
<https://xss-game.appspot.com/>

Platform:

Hackerone - <https://hackerone.com>
Bugcrowd - <https://www.bugcrowd.com>
Synack - <https://www.synack.com>
Yogosha - <https://yogosha.com>