

# Learning

## **Basics:**

- Python: <a href="https://www.w3schools.com/python/default.asp">https://www.w3schools.com/python/default.asp</a>
- C: <a href="https://www.w3schools.com/c/index.php">https://www.w3schools.com/c/index.php</a>
- C#: https://www.w3schools.com/cs/index.php
- C++: https://www.w3schools.com/cpp/default.asp
- Golang: <a href="https://www.w3schools.com/go/index.php">https://www.w3schools.com/go/index.php</a>
- Cyber Security: <a href="https://www.w3schools.com/cybersecurity/index.php">https://www.w3schools.com/cybersecurity/index.php</a>
- Cyber Security Terms: <a href="https://niccs.cisa.gov/cybersecurity-career-resources/glossary#C">https://niccs.cisa.gov/cybersecurity-career-resources/glossary#C</a>
- Command And Control: https://www.trendmicro.com/vinfo/us/security/definition/command-and-control-server
- C2 Frameworks: <a href="https://github.com/tcostam/awesome-command-control">https://github.com/tcostam/awesome-command-control</a>

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• The C2 Matrix: <a href="https://www.thec2matrix.com/matrix">https://www.thec2matrix.com/matrix</a>

### Intermediate:

- The Red Team Gitbook: <a href="https://www.ired.team/">https://www.ired.team/</a>
  - Code Injection: <a href="https://www.ired.team/offensive-security/code-injection-process-injection">https://www.ired.team/offensive-security/code-injection-process-injection</a>
  - Code Execution: <a href="https://www.ired.team/offensive-security/code-execution">https://www.ired.team/offensive-security/code-execution</a>
  - Evasion Techniques: <a href="https://www.ired.team/offensive-security/defense-evasion">https://www.ired.team/offensive-security/defense-evasion</a>
  - Credential Access and Dumps: <a href="https://www.ired.team/offensive-security/credential-access-and-credential-dumping">https://www.ired.team/offensive-security/credential-access-and-credential-dumping</a>
  - Lateral Movement: <a href="https://www.ired.team/offensive-security/lateral-movement">https://www.ired.team/offensive-security/lateral-movement</a>
  - Pesistence: <a href="https://www.ired.team/offensive-security/persistence">https://www.ired.team/offensive-security/persistence</a>
  - Data Exfiltration: <a href="https://www.pentestpartners.com/security-blog/data-exfiltration-techniques/">https://www.pentestpartners.com/security-blog/data-exfiltration-techniques/</a>
- DevOps
  - Definition: <a href="https://aws.amazon.com/devops/what-is-devops/">https://aws.amazon.com/devops/what-is-devops/</a>
  - Golang Web Server: <a href="https://go.dev/doc/articles/wiki/">https://go.dev/doc/articles/wiki/</a>
  - Web Applications in Golang: <a href="https://www.udemy.com/course/building-modern-web-applications-with-go/">https://www.udemy.com/course/building-modern-web-applications-with-go/</a>
- Database Management Server
  - MySQL: <a href="https://www.w3schools.com/mysql/default.asp">https://www.w3schools.com/mysql/default.asp</a>

#### **Advanced**

Offensive Golang:

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- Black Hat Go: <a href="https://www.amazon.com/Black-Hat-Go-Programming-Pentesters/dp/1593278659">https://www.amazon.com/Black-Hat-Go-Programming-Pentesters/dp/1593278659</a>
- Reverse Shell Classic in Golang:
  <a href="https://gist.github.com/yougg/b47f4910767a74fcfe1077d21568070e">https://gist.github.com/yougg/b47f4910767a74fcfe1077d21568070e</a>
- Basic Golang C2: <a href="https://github.com/nodauf/Girsh">https://github.com/nodauf/Girsh</a>

Meterpreter: <a href="https://www.offensive-security.com/metasploit-unleashed/meterpreter-basics/">https://www.offensive-security.com/metasploit-unleashed/meterpreter-basics/</a>

#### Offensive C#:

- <a href="https://www.udemy.com/course/offensive-csharp/">https://www.udemy.com/course/offensive-csharp/</a>
- <a href="https://training.zeropointsecurity.co.uk/courses/c2-development-in-csharp">https://training.zeropointsecurity.co.uk/courses/c2-development-in-csharp</a>

https://pre.empt.dev/posts/maelstrom-the-implant/

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