Preparatory Reading

<u>4 Sept – 3 Nov 2023</u>

Arnold, T & Seitz, J. (2021) *Blackhat Python: Python Programming for Hackers and Pentesters*. 2nd Ed. San Francisco, USA: No Starch Press.

Bulić, P., Robič, B., Slivnik, B., & Trobec, R. (2018) Introduction to Parallel Computing: From Algorithms to Programming on State-of-the-Art Platforms. Cham, CH: Springer.

Dominte, I. (2023) Web API Development for the Absolute Beginner: A Step-by-step Approach to Learning the Fundamentals of Web API Development with .NET 7. New York, NY, USA: Apress.

Khawaja, G. (2021) *Kali Linux Penetration Testing Bible*. Indianapolis, USA: Wiley.

Mitchell, R. (2018) Web Scraping with Python: Collecting More Data from the Modern Web. 2nd ed. Sebastapol, CA, USA: O'Reilly.

<u>4 Nov 2023 – 3 Jan 2024</u>

Doglio, F. (2018) REST API Development with Node.js: Manage and Understand the Full Capabilities of Successful REST development. New York, NY, USA: Apress.

Frisendal, T. (2018) Visual Design of GraphQL Data: A Practical Introduction with Legacy Data and Neo4j. New York, NY, USA: Apress.

Heydt, M. (2018) Python Web Scraping Cookbook. Birmingham, UK: Packt.

Nguyen, Q. (2018) Mastering Concurrency in Python: Create Faster Programs using Concurrency, Asynchronous, Multithreading and Parallel Programming. Birmingham, UK: Packt.

Siriwardena, P. (2020) Advanced API Security: OAuth 2.0 and Beyond. 2nd ed. New York, NY, USA: Apress.

<u>4 Jan – 3 March 2024</u>

Ball, C. J. (2022) *Hacking APIS: Breaking Web Application Programming Interfaces*. San Francisco, USA: No Starch Press.

Hunt, J. (2019) Advanced Guide to Python 3 Programming. Cham, CH: Springer.

Patel, J. M. (2020) Getting Structured Data from the Internet: Running Web Crawlers/Scrapers on a Big Data Production Scale. New York, NY, USA: Apress

Pinto, M. & Stuttard, D. (2011) *The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws*. 2nd Ed. Indianapolis, USA: Wiley.

Rauber, T. & Rünger, G. (2023) Parallel Programming for Multicore and Cluster Systems. 3rd ed. Cham, CH: Springer.

References

Arnold, T & Seitz, J. (2021) *Blackhat Python: Python Programming for Hackers and Pentesters*. 2nd Ed. San Francisco, USA: No Starch Press.

Ball, C. J. (2022) *Hacking APIS: Breaking Web Application Programming Interfaces*. San Francisco, USA: No Starch Press.

Bulić, P., Robič, B., Slivnik, B., & Trobec, R. (2018) Introduction to Parallel Computing: From Algorithms to Programming on State-of-the-Art Platforms. Cham, CH: Springer.

Doglio, F. (2018) REST API Development with Node.js: Manage and Understand the Full Capabilities of Successful REST development. New York, NY, USA: Apress.

Dominte, I. (2023) Web API Development for the Absolute Beginner: A Step-by-step Approach to Learning the Fundamentals of Web API Development with .NET 7. New York, NY, USA: Apress.

Frisendal, T. (2018) Visual Design of GraphQL Data: A Practical Introduction with Legacy Data and Neo4j. New York, NY, USA: Apress.

Heydt, M. (2018) Python Web Scraping Cookbook. Birmingham, UK: Packt.

Hunt, J. (2019) Advanced Guide to Python 3 Programming. Cham, CH: Springer.

Khawaja, G. (2021) *Kali Linux Penetration Testing Bible*. Indianapolis, USA: Wiley.

Mitchell, R. (2018) Web Scraping with Python: Collecting More Data from the Modern Web. 2nd ed. Sebastapol, CA, USA: O'Reilly.

Nguyen, Q. (2018) Mastering Concurrency in Python: Create Faster Programs using Concurrency, Asynchronous, Multithreading and Parallel Programming. Birmingham, UK: Packt.

Patel, J. M. (2020) Getting Structured Data from the Internet: Running Web Crawlers/Scrapers on a Big Data Production Scale. New York, NY, USA: Apress

Pinto, M. & Stuttard, D. (2011) *The Web Application Hacker's Handbook: Finding and Exploiting Security Flaws*. 2nd Ed. Indianapolis, USA: Wiley.

Rauber, T. & Rünger, G. (2023) Parallel Programming for Multicore and Cluster Systems. 3rd ed. Cham, CH: Springer.

Siriwardena, P. (2020) Advanced API Security: OAuth 2.0 and Beyond. 2nd ed. New York, NY, USA: Apress.