

Isaac Yossef Michaan

PROFILE:

Junior BSc with a focus in Cyber and Pen-Test.

EDUCATION:

2016-2020: B.Sc. Computer Science Hadassah Academic College, Jerusalem.

2020-present: OSCP, Offensive Security, U.S.

- *Highlight* - Antivirus Evasion, Port Redirection and Tunneling, Metasploit, Empire, Active Directory.
- *Tools* - Netcat, Wireshark, Tcpdump, Netcraft, Recon-ng, Shodan, OSINT, Nessus, DIRB, Burp Suite, Nikto, Hashcat.
- *Scripts* - Bash Scripting, PowerShell.
- *Enumeration* - SMB, NFS, SMTP.
- *Attacks* - XSS, SQL Injection, Buffer Overflow, HTA Attack, Medusa, Hydra.

2019-2020: Offensive Cyber and Penetration Test – Hacking, Workin Center for Code and Cyber Studies, Jerusalem.

- *Python* - Networking: Packet Sniffing and Crafting, Socket Manipulation. Web: Request Manipulation, Scraping.
- *Linux* - Interfaces and Commands, Bash Scripting, Kernel Models.
- *Reconnaissance* - Passive and Active, Port Scanning, Banner Grabbing.
- *Networking* - LAN & WAN Vulnerabilities, Man in the Middle, SSL Strip & Split, Packet Injection, Data Interception.
- *Exploitations* - Enumeration, Vulnerabilities, Exploits, Payloads, Privilege Escalation, Persistence.
- *Website* - Mapping, Application, Fingerprint, HTTP Headers, Analysis of Code, SQL Injection, Web Brute Force, LFI, RFI, RCE, OWASP TOP 10.

2016: Bachelor of Business Administration Fairleigh Dickinson University, U.S.

PROJECTS & PRACTICE:

2020-present: OSCP Labs & Hack The Box & Try Hack Me

- Hacking a box to become root/admin.
- Becoming more efficient in different scenarios.
- Gaining weekly practice <https://bit.ly/2ZVbFG1>

2020: LinkedIn Reconnaissance Project – Gathering information of a Company

- Understanding how to gather information.
- Used Python, Scripts, Linux, MySQL, Reverse DNS Lookup.
- Website (In Revision): <https://bit.ly/3jnr224/>

2019-2020: Website Development for Stock research.

- Utilize K-Means algorithm to diversify stocks to help investor - includes custom API to extract data from financial sites.
- Website stockpicksmart.com/

2018-2019: Game Development "Bomber man" and "XONIX" with VStudio.

- Debug and QA testing optimizing the code with suitable algorithms.
- Used OOP, SFML, Templates, Design Patterns, and Polymorphisms.
- *Xonix* → <https://bit.ly/32B14Cf/> *Bomber Man* → <https://bit.ly/39dqwAm/>

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WEBSITES:

LinkedIn

[linkedin.com/in/isaacmichaan1/](https://www.linkedin.com/in/isaacmichaan1/)

Resume Website

isaacmichaan.com/

Pen-Tester Blog

hackthetroll.com/

PROFESSIONAL

KNOWLEDGE:

Programming Languages:

C++, C, Python, SQL, HTML, JS, NodeJS, React,

Workspaces:

AWS, PyCharm, WebStorm, Visual Studio

Operating Systems:

Microsoft, Linux

LANGUAGES:

Portuguese - Native

Hebrew - Fluent

English - Fluent

Spanish - Conversational