



Ernando Myrtaj

Tirana, Albania

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Education

Université libre de Bruxelles

Master in Cyber Security

Thesis: Deauthentication Attacks, Rogue and Fake Wireless Access Points Detection Through Fingerprinting Risks included and Mitigation Methods

Advisor: Prof. Jérôme Dossogne

Brussels, Belgium

October 2024

Canadian Institute of Technology

Bachelors in Software Engineering

Thesis: How Keyloggers are Operated by Hackers, what are its Benefits and the Development of “Caffeine”

Advisor: Prof. Fabjan Lashi

Tirana, Albania

August 2020

Experience

Freelance

Cybersecurity Consultant

- Applied expertise in ethical hacking, operating systems, networking and social engineering to strengthen security.
- Conducted thorough penetration testing and vulnerability assessments for clients.
- Identified and mitigated multiple critical security risks.
- Conducted a digital forensics investigation, identified the cause and method of the attack, and the affected files.

Remote

May 2023 – Present

INSURIX SL

Penetration Testing Internship

- Conducted vulnerability assessments and penetration testing reducing potential attack vectors.
- Utilized Kali Linux, Nmap, and Metasploit to identify and address critical security vulnerabilities.
- Collaborated with IT teams to implement corrective measures, enhancing overall security posture.
- Contributed to technical documentation and strengthened skills in ethical hacking and network security.

Remote

Jun 2024 – Aug 2024

Leexi

Penetration Tester

- Collaborated with a team of eight to conduct a successful security analysis for Leexi.
- Executed a course project involving web application penetration testing, external penetration testing, and compliance.
- Performed vulnerability assessments and social engineering assessments to identify and address security weaknesses.

Brussels, Belgium

Oct 2022 – Dec 2022

Freelance

Developer

- Applied object-oriented programming skills and software design patterns to develop and maintain applications.
- Utilized expertise in Java, SQL, and PHP for application development and debugging.
- Leveraged skills in web design and CMS integration to enhance functionality and user experience.

Remote

Jun 2018 – Nov 2020

Certifications

Junior Penetration Tester (eJPTv2)

2023

Practical Cybersecurity for IT Professionals - IIBA

2024

Career Essentials in Cybersecurity by Microsoft

2024

Advanced Pen Testing Techniques for Active Directory

2024

Penetration Testing Web Apps with Kali and Burp Suite

2024

Stealth Penetration Testing with Advanced Enumeration

2024

Skills & Interests

Technical:

Bash, Burp Suite, Forensics, Java, Kali, Linux, Metasploit, Nmap, Penetration Testing, Autopsy, Python, Social Engineering, VBScript, Volatility 3, Active Directory, Windows, Office, SQL, PHP, Networking, Web, etc.

Professional:

I work effectively under pressure, adapt quickly to new conditions and contribute reliably whether independently or in a team. I apply strategic thinking, resilience, creativity and strong problem solving to handle complex security challenges and take leadership when needed. I continuously improve my expertise through self-directed learning and keep my skill set aligned with evolving challenges.

Languages:

Fluent in English, Italian, Albanian. Intermediate in French. Currently learning German.

Interests:

Traveling, Languages, Gaming, Crypto, CTFs, PoC, Exploits, Trading, eSports, Malware, SE

Honors & Awards

Cybersecurity Challenge Belgium

Brussels

CSCBE Expert

March 2024

- Among the 10% most skilled teams. Passed the final stage and made it to the Expert Challenges. #signcryption

Cybersecurity Challenge Belgium

Brussels

CSCBE Finalist

March 2023

- Among the 20% most skilled teams. Achieved Top 10 in the Qualifiers and made it to the finals. #stacksUponStacks

Courses

Technical Debt in InfoSec

June 2024

Security Analysis: from audits to red teaming

July 2023

Web Penetration Testing

June 2023

Human factors in information security

June 2023

Social Engineering & Phishing

December 2022

ARP Poisoning and MITM Attacks

February 2022

Forensics and Malware Analysis

December 2021

IT System Administration

July 2021

Wireless Networks

August 2021

Buffer Overflow Vulnerabilities

November 2020

References

TÜVIT

Ignacio Collado del ser

Cybersecurity Consultant

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CERT European Union

David Franco Lopez

Engineer

- Phone: +34 628136016

Raiffeisen Bank Albania

Ibrahim Cekirri

Information Security Officer

- Phone: +355 69 245 8119