Iñaki Tornos Portugal

⦿ Madrid/Spain

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Summary

I am a passionate **Cybersecurity Engineer and Red Teamer** with a high proficiency in **English (C1)**, holding certifications in **OSCP, BSCP, CRTL and CRTO** and **x1 CVE**. I have a deep interest in malware, the unknown, and complex vulnerabilities that are challenging to exploit. I specialize in red teaming, adversary emulation, penetration testing, and threat research, and I am dedicated to staying at the forefront of cybersecurity trends to provide cutting-edge solutions. I thrive on breaking defenses to build stronger security and continuously evolving my skill set to stay ahead of emerging threats. Let's connect and talk cybersecurity!

Education

University Francisco de Vitoria, Cybersecurity Management Degree   September 2020 – May 2024

- GPA: 3.5/4.0
- Cybersecurity Management degree with an average grade of 8.1/10, demonstrating strong academic performance and expertise in cybersecurity principles and practices.
- **Honors** in Programming II & Operating Systems.

Everest School, Bilingual School   September 2002 – May 2020

Experience

Airbus Secure Land Communications, S.A.U, Cybersecurity Software Developer   Madrid, Spain
March 2025 – Now

- Design and implementation of cybersecurity projects at a local level, including the development of innovative architectures to demonstrate recent vulnerabilities in any of the business areas.
- Collaboration with the CyberRange team in the design and implementation of research and development programs for cybersecurity technologies.
- Software integration in Linux and Windows OS.
- Participation in the creation of training programs and test development.
- Leadership of training sessions and CTF challenges.

Mando Conjuto de Ciberdefensa, Offensive Cybersecurity Instructor.   Madrid, Spain
July 2024 – Now

- Teaching military personnel on:
- Basic Pentesting
- Web/API Pentesting
- Red Team
- Offensive Cybersecurity
- Incidence Response appliance
- Malware

Audea / El Corte Inglés, Red Team Consultant   Madrid, Spain
August 2024 – March 2025

- Penetration testing and cyber attack simulations to identify vulnerabilities in the organization's systems, networks, and applications. This can include internal and external attacks, as well as social engineering tests.
- Vulnerability Assessment and exploitation.
- Malware Analysis and Reverse Engineering.

- Social Engineering
- Reporting and Recommendations

AzertiumIT / CocaCola Europacific Partners, Cybersecurity Analyst

Remote
April 2024 – August 2024

- Working as part of the Coca-Cola Europacific Partners (CCEP) Cybersecurity Appsec Team.
- Penetration Testing – Security Assessments.
- 100% English – International Project.
- Pentesting: Web/API – IOS/Android – Desktop Apps.
- Innovation Coding Projects (Automation of hacking processes) using Python as main language and git high level usage.

NTT Data, Penetration Tester

Madrid, Spain
September 2023 – April 2024

- Expertise in Vulnerability Assessments.
- Focus on Web Penetration Testing.
- API Testing.
- Involved in projects such as Inditex Development Verification testing team. Weekly assets of web/api environments.
- Participation in team external pentests.
- Mobile penetration testing.

SENER, Cybersecurity Expert

Madrid, Spain
June 2022 – September 2023

- Python/bash/C scripting and minor penetration testing inside audits.
- Cybersecurity analysis.
- Collaboration in the development of the cybersecurity framework in railway environments: Cybersecurity Context.

Certifications

OSCP - Offensive Cybersecurity Professional

August 2023

- Advanced Exploitation Techniques.
- Custom exploit development.
- Active Directory Attacks.
- Comprehensive Reporting,

CRTL - Certified Red Team Lead

September 2024

- Active Directory.
- C2 Infraestructure.
- EDR Evasion.
- WINAPI for Malware Development.
- WDAC and ASR

CRTE - Certified Red Team Expert (Altered Security)

April 2025

- Advanced Active Directory tradecraft in complex enterprise environments.
- Evasion of modern defenses (ETW, AMSI, Defender, AppLocker, WDAC).
- Kerberos attacks, delegation abuse, and forest trust exploitation.
- C2 framework integration and payload staging techniques.
- Realistic red team operations in multi-domain lab environments.

CRTO - Certified Red Team Operator   November 2023
- Active Directory.
- Initial Access Techniques.
- Command and Control (C2) Operations.
- Lateral Movement and Privilege Escalation.
- Persistence Mechanisms.
- Evasion tactics.
- Red Team Engagements.

BSCP - Burpsuite Certified Practicioner   April 2024
- Web Application Security Testing.
- Manual and Automated Testing.
- Advanced Burpsuite features.
- Custom Scripting with Burp Suite Extender API.
- Identification and Exploitation of Web Vulnerabilities.

Cambdridge C1 - Cambdridge Advanced Exam   July 2018

Publications & Achievements

12th Place in Fifth National Cyber League Final   November 2023
- Spanish National CyberLeague Focused on CTF realistic challenges such as forensics, hardware hacking, and more

Cybersecurity Course taught at EUDE Business School   December 2023
- Course

My Hacking Blog
- Blog

CTF Team Founder
- Regular CTF Player with my own team

PenKraken - My Own Hacking Tool
- Pentesting Automation tool self-written in python from scratch

Active Projects on Github
- I use Github to publish research and tools

Technical Skills

Languages: C++, C, Python, Rust, Bash
Malware Development
Malware Analysis & Reverse Engineering
CTF PLayer
- Reverse Engineering, Web & Pwn

Active Directory: Vulnerability Identification and Exploitation
Hack The Box
- +160 Machines

- Pro Labs: Offshore, Rasta, Zephyr, Dante

Mobile Testing OWASP-MASTG: Frida, Android Studio, jadx...

Web / API Penetration Testing: Burpsuite Pro, Project Discovery Tools, Nikto...

Tools: Codescan, Jira, DefectDojo, ServiceNow

Vulnerability Assessment

BOF Development: Custom Beacon Object Files development for Havoc C2 & Cobalt Strike

C2 (Command & Controll): Cobalt Strike & Havoc C2

Vulnlab: Ifrit, Wutai, Shinra