

# Davide Temelie

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## Skills Summary

- **Languages:** Python, Bash, C, Java, HTML, CSS, JavaScript
- **Cybersecurity Tools:** Nmap, Burp Suite, Wireshark, Hydra, JohnTheRipper, Hashcat, Metasploit, ffuf, gobuster, dirb, nikto
- **Systems:** Linux (Kali, Ubuntu), Windows
- **Platforms:** TryHackMe, Hack The Box Academy, CTFTime
- **Soft Skills:** Team leadership, problem solving, fast learning, communication

## Projects

**KeyNet-Monitor.** Developed a Python-based security tool that combines keylogging, packet interception, and SIEM-like reporting to monitor user activity and network traffic.

**ARP Poisoning Tool.** Created a Python script utilizing the Scapy library to perform ARP spoofing attacks, enabling interception of network traffic between two hosts.

**DNS Spoofer.** Implemented a DNS spoofing tool in Python that intercepts DNS traffic and injects forged responses for specified domains.

**FTP Credentials Grabber.** Designed a Python script to monitor and analyze FTP traffic, capturing credentials transmitted in clear text using NetfilterQueue.

**CTF Challenge Platform (ITS Final Project).** Designed and deployed a CTF environment featuring SSH login, flag discovery, and privilege escalation. Included a custom shell with time-limited access and restricted commands for security.

**HTTP Spoofing Interceptor.** Developed a Python script to intercept HTTP requests for '.exe' files on port 80 and spoof the response with a local file using HTTP 302 redirection.

**Custom Vigenère Decryption Tool.** Built a brute-force decryption tool using a personalized Vigenère cipher table and RockYou wordlist to identify the key.

**Personal Portfolio Website.** Created a hacker-style personal website using HTML, CSS, and JavaScript, hosted on Oracle Cloud to showcase projects and CV.

## Education

**ITS Alto Adriatico, Italy.** *Higher Education Diploma in Cybersecurity (EQF Level 5)*  
2024 – 2026 (Expected)

**Istituto Superiore Antonio Scarpa.** *High School Diploma, Computer Science*  
2019 - 2024

## Achievements

- **1st Place** – ITASEC 2025 National Cybersecurity Competition (Team Captain), held in Bologna with ACN, CINI, Leonardo, and SERICS.
- **2nd Place** – ITSCYBERGAME 2025 National Cybersecurity Competition, held in Verona with ACN, CINI, and SERICS.

## Certifications

- **TryHackMe Certifications:** Completed various cybersecurity modules and challenges, enhancing practical skills in penetration testing and ethical hacking.
- **GDPR Compliance Certification:** Acquired knowledge and certification in General Data Protection Regulation compliance, ensuring data protection and privacy standards.
- **Alison Courses:** Completed online courses in cybersecurity fundamentals and network security, gaining theoretical and practical insights.
- **Cisco Networking Academy:** Participated in Cisco's training programs, covering networking basics and cybersecurity essentials.
- **Cybrary Training:** Engaged in cybersecurity courses focusing on threat analysis and security operations.
- **Fastweb Digital Academy:** Attended workshops and training sessions on digital security and network protection strategies.

## Interests

- Capture The Flag (CTF) competitions
- Cybersecurity research and ethical hacking
- Linux and Windows systems
- Customizing and hardening operating systems

## Future Aspirations

I aspire to work in major tech companies, particularly in the cybersecurity domain. Passionate about cybersecurity and aiming to contribute to securing digital systems while growing in a challenging environment.