DAVIDE DI MATTEO

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EDUCATION

University of Rome "Tor Vergata" Rome, Italy
Bachelor's Degree in Computer Science *Sep 2016 – Oct 2022*

- **Thesis:** "Analisi di sicurezza e capacità dei software Anti Malware su Linux" – Development of malware evasion techniques (Process Injection, Memory Shellcode) in C and Python.

Professional Certifications
Cybersecurity & Networking

- **Certified Ethical Hacker (CEH)** – EC-Council (Nov 2025)
- **CompTIA Security+** – CompTIA (Oct 2017)

EXPERIENCE

Aeroporti di Roma (ADR) Rome, Italy
Cyber Security Specialist *Mar 2026 – Present*

- Coordinate a dedicated team across the Vulnerability Management lifecycle for airport systems.
- Manage VAPT within the Italian National Cybersecurity Perimeter (PSNC), including vendor coordination, remediation tracking and retesting.
- Support Incident Response with the CSOC and collaborate with Cyber Threat Intelligence teams.

Leonardo S.p.A. Rome, Italy
Cyber Security Assurance and Red Team *Nov 2024 – Feb 2026*

- Performed Vulnerability Assessments and Penetration Tests on INFOSEC systems and critical applications with Nessus, Burp Suite and Nmap.
- Supported Common Criteria certifications (ISO/IEC 15408), technical documentation and remediation plans.
- Collaborated with the Security Evaluation Laboratory (LVS) on attack-resistance analysis and test procedures for the Accredited Testing Laboratory (LAP).

Sipal S.p.A. Rome, Italy
Cybersecurity Analyst | Ce.Va. Operator *Dec 2022 – Nov 2024*

- Analyzed security requirements and performed penetration tests on customer products for Common Criteria evaluations.
- Used static and dynamic analysis (SAST/DAST) and vulnerability scanning to identify flaws in code and infrastructure.
- Collaborated with development teams on vulnerability mitigation and technical evaluation documentation.

TECHNICAL PROJECTS & RESEARCH

CVE-2026-20516 – MediaTek | *Android TV* Sep 2026

- Credited researcher for a *confused-deputy* vulnerability in MiracastService (CVSS 5.5). Documented the ADB reproduction and trust boundary, and coordinated disclosure with the vendor.

Linux Malware Evasion Research | *C, Python* Experimental Thesis

- Developed custom malware in C and Python to test the effectiveness of seven Linux antivirus products.
- Implemented Process Injection, Self-Injection and Direct Memory Shellcode Writing to evaluate evasion of signature-based controls.

Secure E-commerce Platform | *PHP, MySQL, HTML/CSS* Academic Project

- Developed a full-stack e-commerce portal with defensive security and order management; implemented input validation to prevent SQL Injection and XSS.

Database Management System (SoundCloud Clone) | *MySQL, MongoDB* Academic Project

- Designed the ER schema and implemented relational and NoSQL databases optimized for performance.

TECHNICAL SKILLS

Vulnerability Assessment & Pentesting: Nessus, Burp Suite, Nmap, Metasploit, SQLmap, Wireshark, OWASP Top 10
Security Standards: Common Criteria (ISO/IEC 15408), CEH methodology, PTES
Programming: C, Python (Scripting & Exploit Dev), Bash, PHP, SQL, HTML/CSS, JavaScript
Operating Systems: Linux (Admin & Hardening, Kali, Ubuntu), Windows
Languages: Italian (Native), English (B2 - Technical)