Antonio Vitale

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Professional Goals

I aim to become a solid professional in the field of cybersecurity, with a strategic vision oriented toward risk management and the protection of corporate assets. My path involves developing both technical and organizational skills, with the long-term goal of growing into leadership roles such as Security Manager or Chief Information Security Officer (CISO). I am interested in combining hands-on activities (e.g., penetration testing) with governance and compliance approaches, supported by certifications such as OSCP and ISO/IEC 27001 Lead Auditor.

Education

MSc in Cybersecurity (LM-66)
University of Milan   Sep 2024 – Jul 2026 (expected)

BSc in Computer Science and Software Technologies (L-31)
University of Bari Aldo Moro   Sep 2021 – Jul 2024
Graduated with full marks and honors (110/110 cum laude)

High School Diploma — IT and Telecommunications
ITSET Manlio Capitolo   Sep 2016 – Jul 2021
Graduated with full marks and honors (100/100 cum laude)

Technical Skills

- **Cybersecurity:** access control lists (ACL), ISO/IEC 27001 and ISO/IEC 27002 controls, OWASP

- **Software Development:** Python, Java, C/C++, formal verification (Asmeta)

- **Frameworks and Testing:** Flask, JUnit, agile methodologies (Scrum)

- **Databases and Backend:** SQL, secure RESTful API design (OWASP API Security based)

- **Operating Systems:** Windows, Linux

- **Tools:** Git, Redmine, Firebase, MySQL, Android SDK

Projects

QRX – QReXamination
Bachelor's thesis focused on analyzing QR code vulnerabilities. Development of the QRX tool for secure generation, scanning, and verification of QR codes. The tool adheres to OWASP standards for RESTful APIs, with strong emphasis on software engineering and data protection.
Technologies: Python, Flask, OWASP, REST, Software Testing

PronuntiApp
Android educational app designed to support children with speech disorders. Includes a system for customized speech therapy exercises and progress monitoring by both parents and therapists.
Technologies: Android SDK, Java, Firebase

Misinformation-Fight-System
Software platform for evaluating the credibility of multimedia news content (text, images, audio, video). Features user reporting and a trust score system based on automated source analysis.
Technologies: Python, Flask, HTML, technical documentation, Scrum

International Experience and Participation

Erasmus+ "Let's Make School our Second Home!"　　　　　Feb 2020 (Trikala, Greece)
Participation in Activity no. 5 of the Erasmus+ project, focused on inclusion and school cooperation in multicultural environments.
Skills: communication, teamwork, English language

Civic Hack Matera　　　　　Nov 2019
National civic hackathon aimed at designing digital solutions with a social impact.

Awards

- Best case study – Software Engineering course (BSc)

- Best Bachelor's Thesis in Cybersecurity – University of Bari

Languages

- **Italian:** Native speaker

- **English:** C1 level — excellent written and spoken proficiency

Let's Connect

Feel free to reach out for collaboration, professional opportunities, or further information. I am always open to new challenges and connections in the cybersecurity and software engineering fields.