

Samuele Sparno

Junior Security Engineer | MSc Cybersecurity Student

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EDUCATION

2025 Present	MSc in Cybersecurity, University of Salerno Core coursework: Penetration Testing, Secure Programming, Data Security, Digital Forensics. Expected graduation: July 2027 Average grade: 28/30
Jun 2026	Erasmus+ BIP, University of Nicosia Collaborated on an international cybersecurity project, contributing to threat modeling, risk assessment and security policy development for real-world scenarios.
2021 2025	BSc in Computer Science, University of Salerno Final grade: 98/110 Core coursework: Computer Networks, Cybersecurity, Fundamentals of AI

PROFESSIONAL EXPERIENCE

Sep 2026	Security Engineer - Commissioned CRM Project Security engineering within a development team building a CRM for a professional services firm, with access controls, input validation and protection of sensitive data.
Dec 2024 Mar 2025	Internship - Network & Infrastructure Monitoring, System Management S.p.A. Thesis project focused on building a physical and virtual network infrastructure with security policies, firewalls and network services, integrated with Nagios Core to monitor failures and anomalies.

SELECTED PROJECTS

Jan 2026 Mar 2026	Secure IoT Camera Pipeline for Forensic Integrity Verification Built a secure-by-design IoT video-surveillance pipeline with encryption, authentication and replay/tampering protection, integrating blockchain and IPFS to ensure the integrity and traceability of forensic evidence.
Sep 2025 Nov 2025	Log Analyzer & Alert System - Mini SIEM Built a mini SIEM to analyze logs, automatically detect suspicious activity and generate alerts, with custom detection rules and an event-monitoring dashboard.

AWARDS

2026	1st Place - Google Challenge Italy 2026, London Won the national final and was selected to represent Italy at the EMEA Leaders Series in London with <i>GlaucoScan Kids</i> , an AI solution for paediatric glaucoma screening.
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CERTIFICATIONS AND COURSES

Ongoing	CDSA (SOC Analyst Path) , HackTheBox Academy
Jun 2026	Google AI Professional Certificate , Google Education

LANGUAGES

Italian: Native	English: B2 (CEFR)
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SKILLS

Programming	Python • Go • C/C++ • Java • JavaScript • SQL • Solidity
Security Engineering	Secure-by-Design • Network Security • Access Control • Vulnerability Management • Security Hardening • Cryptography (AES, SHA-256, Digital Signatures) • Integrity Verification
Detection & Response	SIEM (Elastic, Splunk) • Threat Hunting • Log Analysis • Incident Handling • Digital Forensics • Network Traffic Analysis • MITRE ATT&CK
Infrastructure & OS	Linux • Docker • Git • VMware • Azure • GNS3 • FortiGate • Cisco • Nagios Core • Grafana • Postfix