

Matteo Leonelli

Cybersecurity Researcher



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Experience

Amazon Applied Scientist Internship - AWS

Research Internship

Paris, FR

Sep 2025 – Nov 2025

- Research and development of automated fuzz testing methods to evaluate and ensure S3 data integrity

Saarland University - CISPA Helmholtz Center for Information Security

Ph.D. Candidate

Saarbrücken, DE

Mar 2024 – Feb 2028

- SBFT'25 paper: *SBFT Tool Competition 2025 - Fuzzing Track*
- NDSS'25 paper: [TWINFUZZ: Differential Testing of Video Hardware Acceleration Stacks](#)
- CVEs: [Intel CVE-2024-23919](#) , [CVE-2025-5701](#), [CVE-2023-7306](#)

Master's Thesis

Mar 2023 – Jan 2024

- Research on Software and Hardware Fuzzing in collaboration with Intel

Research Assistant

Apr 2022 – Mar 2024

- Research on Fuzzing in System Security Lab

Fondazione Bruno Kessler

Bachelor Thesis

Trento, IT

May 2021 – Sep 2021

- CODASPY'21 paper: [Secure Pull Printing with QR Codes and National eID Cards: A Software-oriented Design and an Open-source Implementation](#)

Junior Researcher

Feb 2019 – Dec 2020

- Research on Authentication Services and National ID Card with "Zecca dello Stato"

Software Developer Internship

Nov 2018 – Jan 2019

- Mobile developer internship in Security&Trust Lab

Java Developer Internship

Jun 2017 – Jul 2017

- Java developer involved with data analysis and software development in Smart Community Lab

Matrix Tech

Full Stack Developer

Trento, IT

Dec 2017 – Dec 2020

- Development of a web service to control gates and presence on embedded systems with Matrix

Education

Saarland University

Master in Cybersecurity

Saarbrücken, DE

Oct 2021 – Feb 2024

Trento University

Bachelor in Computer Science

Trento, IT

Sep 2018 – Sep 2021

Technological Institute "G. Marconi"

Diploma in Computer Science and Telecommunications

Rovereto, IT

Sep 2013 – Jul 2018

Teaching

Teaching Assistant

Nov 2022 – Apr 2024

- Saarland University (Nov 2022 – Apr 2024): Teaching Assistant in Security, System Security, Human-Computer Interaction courses
- University of Trento (Sep 2020 – Feb 2021): Teaching Assistant in C/C++ Programming class

Technical Skills

Programming Languages

C, C++, Bash, Python, Rust