

Matteo Leonelli

Cybersecurity Researcher



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in /matteoleonelli
o /Leonelli

Experience

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](#) and [CVE-2025-5701](#)
- > Organizing Fuzzing Competition for [SBFT 2025](#)

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