

# Matteo Leonelli

Cybersecurity Researcher



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## Education

### CISPA Helmholtz Center for Information Security

PhD Candidate

Saarbrücken, DE

Mar.2024 – Present

### Saarland University

Master in Cybersecurity

Saarbrücken, DE

Oct.2021 – Feb.2024

### Trento University

Bachelor in Computer Science

Trento, IT

Sep.2018 – Sept.2021

### Technological Institute "G. Marconi"

Diploma in Computer Science and Telecommunications

Rovereto, IT

Sept.2013 – July.2018

## Experience

### CISPA Helmholtz Center for Information Security

PhD Candidate

Saarbrücken, DE

01.03.2024 – Present

- > NDSS'25 paper: [TWINFUZZ: Differential Testing of Video Hardware Acceleration Stacks](#)
- > [Intel CVE-2024-23919](#)

Master Thesis

01.03.2023 – 01.02.2024

- > Research on Hardware Fuzzing in collaboration with Intel

Research Assistant

01.04.2022 – 31.03.2024

- > Research on Fuzzing in System Security Lab

### Fondazione Bruno Kessler

Bachelor Thesis

Trento, IT

27.04.2021 – 30.09.2021

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

Junior Researcher

01.02.2019 – 31.12.2020

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

Software Developer Internship

26.11.2018 – 31.01.2019

- > Mobile developer internship in Security&Trust lab

Java Developer Internship

05.06.2017 – 07.07.2017

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

### Matrix Tech

Full Stack Developer

Trento, IT

10.12.2017 – 31.12.2020

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

## Teaching

### Saarland University

01.11.2022–20.04.2024

- > Teaching Assistant in Security class
- > Teaching Assistant in System Security class
- > Academic Tutor Assistant in Human Computer Interaction class

### University of Trento

01.09.2020 – 28.02.2021

- > Teaching Assistant in C/C++ Programming class