

Matteo Leonelli

Cybersecurity Researcher



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in /matteoleonelli
/Leonelli

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

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

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

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