Matteo Leonelli
Cybersecurity Researcher

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🥧 Experience

Amazon Applied Scientist Internship - AWS   Paris, FR
Research Internship   *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   Saarbrücken, DE
Ph.D. Candidate   *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   Trento, IT
Bachelor Thesis   *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   Trento, IT
Full Stack Developer   *Dec 2017 – Dec 2020*
> Development of a web service to control gates and presence on embedded systems with Matrix

🎓 Education

Saarland University   Saarbrücken, DE
Master in Cybersecurity   *Oct 2021 – Feb 2024*

Trento University   Trento, IT
Bachelor in Computer Science   *Sep 2018 – Sep 2021*

Technological Institute "G. Marconi"   Rovereto, IT
Diploma in Computer Science and Telecommunications   *Sep 2013 – Jul 2018*

Summer Schools   USA, CH, DE, IT
Intel Workshop: Scalable Assurance 2024 – SBFT 2025 – EPFL Summer School in System Security 2024 – CISPA Summer School in System Security 2023 – CISPA Summer School in Trustworthy Artificial Intelligence 2022 – University of Trento School of Innovation 2021

📢 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