



Matteo Rizzi



Bachelor in Computer Science, Assistant Research Scientist

I am an Assistant Research Scientist in the Security and Trust unit at FBK. I joined the S&T unit to explore and improve TLS analysis and delve into identity management. I am working concurrently between FBK and the Istituto Poligrafico e Zecca dello Stato.

Experiences

Fondazione Bruno Kessler (Trento, Italy)

Assistant Research Scientist • Feb, 2021 - Present

Security analysis of the TLS deployments of [IPZS](#) projects, TLS Analysis in Android Apps and TLS tool enhancement within the Security & Trust research unit.

Internship • Feb, 2020 - May, 2020

Study and improvement of TLS analysis tools within the Security & Trust research unit.

Futuro & Conoscenza S.r.l. (Trento & Rome, Italy)

Assistant Research Scientist • Jul, 2021 - Present

Collaboration between Fondazione Bruno Kessler and [IPZS](#) to promote the exchange of know-how and competences in the field of security technologies (material and digital) such as identification and anti-counterfeiting, as well as the creation of a center for the coordination and exploitation of research.

Projects

[breaking-telegram](#)

PoC script to break Telegram • 2021

Simple PoC script that allows you to exploit telegram's "send with timer" feature by saving any media received with this functionality, automatically.

[TLSAssistant](#)

Version 1.3 and 2.0 (soon) • 2020 - Present

Fully-featured tool that combines state-of-the-art TLS analyzers with a report system that suggests appropriate mitigations and shows the full set of viable attacks.

[iHashDNA](#)

Perceptual hashing library in python • 2020 - Present

Python library to easily check if two images are similar without machine learning by using Perceptual Hashing (phash and whash combined), with ban and unban image system.

Minor Works

[Mallodroid](#)

Conversion in Python 3 and enhancements • 2020 - 2021

[telegram-deep-fakes-bot](#)

Easy implementation and use of the first order model • 2020

Rappresentanti Bot

HelpDesk Telegram bot to support DISI Students in University of Trento • 2019

Education

University of Trento (Trento, Italy)

Bachelor of Computer Science • Sept, 2017 - Mar, 2021

Thesis in *TLS Analyzers for Android Apps - State-of-the-art Analysis and Integration in TLSAssistant*

I.I.S. Primo Levi (Badia Polesine, Italy)

High School Diploma • Sept, 2012 - Sept, 2017

Final elaborate in *psychoanalysis of James Joyce and the artificial intelligences*

Certifications

CyberWiser - CyberRange And Capacity Building in CyberSecurity

Module	Date	Certificate
P-01-M-01	May 19, 2021	Download
P-01-M-02	May 20, 2021	Download
P-02	May 20, 2021	Download
P-03	May 20, 2021	Download
P-04	May 25, 2021	Download
P-05	June 4, 2021	Download
P-06	June 4, 2021	Download

First Certificate

Cambridge Assessment English - B2 • Apr, 2017

ECDL Base

ECDL / ICDL Certification • May, 2016

