

SIMONE ZERBINI

Cyber Security Analyst

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WORK EXPERIENCE

Cyber Security Analyst (H24)

🔗 QRadar Microsoft Sentinel Microsoft Defender Email analysis

Reply Communication Valley, Milano

📅 Mar 2024 - Ongoing

Exchange Scholar

🔗 Fuzzing Ethereum Solidity Smart Contracts Blockchain

Arizona State University, Tempe

📅 Sep 2023 - Dec 2023

- I participated in a fellowship funded by the NGI Enrichers program.
- My project involved the study of Fuzzing tools used to detect bugs and vulnerabilities within Smart Contracts.

Research Assistant

🔗 Python Java Docker Android Reverse Engineering

University of Padova, Padova

📅 Jan 2023 - Jan 2024

- I started the contract with the goal of finishing my thesis work, but it also gave me the opportunity to contribute in different research activities. My main tasks were:
 1. Automated analysis of large sets (100k - 1M) of apk files.
 2. Collection and analysis of the data obtained.
 3. Review of scientific papers.

CERTIFICATIONS AND COURSES

Certified Red Team Professional (CRTP) - Altered Security

🔗 Active Directory Powershell Kerberos

📅 ongoing

pwn.college

🔗 Reverse Engineering Software Security Exploitation linux gdb assembly x86

📅 ongoing

Certified Ethical Hacker (CEH) - EC-Council

🔗 ID: EC0294186375ID

📅 Aug 2025

SY0-701 - CompTIA Security+

🔗 https://www.credly.com/badges/f60d924c-7111-4c4b-b8be-ee420a418b5e/public_url

📅 Nov 2024

TryHackMe

🔗 Metasploit nmap BurpSuite

PUBLICATIONS

Matrioska: A User-Centric Defense Against Virtualization-Based Repackaging Malware on Android

ACSAC 2024

🔗 <https://ieeexplore.ieee.org/abstract/document/10917506>

📅 Dec 2024

EDUCATION

Master Degree in Cybersecurity

🔗 110/110

University of Padova

📅 Oct 2020 - Dec 2022

Bachelor's degree in Computer Engineering

🔗 108/110

University of Padova

📅 Oct 2017 - Nov 2020

LANGUAGES

- Italian - Native speaker
- English - B2 level