

SALVATORE MACCARRONE

COMPUTER SCIENCE AND ENGINEERING MSC.

I am currently seeking positions as a Cyber Security Analyst, where I can further enhance my skills and contribute to the field.

Additionally, I am also interested in opportunities as a Cyber Security Researcher, as I thoroughly enjoyed my research project for my Master's thesis and am eager to continue conducting research in the field with enthusiasm.

I am also open to relocation and available for both short-term and long-term stays abroad.

CONTACT

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Website

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LinkedIn

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TECHINICAL SKILLS

- C
- Python
- Assembly
- Github
- Unix Systems
- RE Tools: IDA, Ghidra, GDB

LANGUAGE

- English (professional)
- Italian (native)

HOBBIES

- Guitar player
- Arduino tinkerer

EDUCATION

March 2020 - 2023

Master's Degree in Computer Science and Engineering

Politecnico di Milano

Final Result: 109/110

Thesis at **NECSTLab**

Tarallo: An End-To-End Framework for Malware Behavior Obfuscation

2016-2019

Bachelor's Degree in Computer Science and Engineering

Università degli studi di Catania

Final result: 110/110 cum laude

PROJECTS AND ACTIVITIES

Sep 2022

RCU on xv6 Kernel

Advanced Operating Systems

The goal of the project is the implementation of RCU locking for some kernel data in xv6.

[Github](#)

Sep - Dec 2021

Cybersecurity challenges

Offensive and Defensive Cybersecurity

Practical challenges from shellcode development to heap exploitation, while improving reverse engineering techniques.

[Github](#)

Jan 2021

Cybersecurity Academy

Politecnico di Milano

Technical seminars, meetings and open lessons with industry experts.