SALVATORE MACCARRONE

COMPUTER SCIENCE AND ENGINEERING MSC.

I am currently seeking positions 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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TECHINCAL 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

Pratical 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.