



Renato Eugenio Maria Marziano

Date of birth: 05/02/2004 | **Nationality:** Italian | **Phone number:** (+39) 3485707266 (Mobile) |

Email address: renato@marziano.top | **Address:** REDACTED, Bologna, Italy (Home)

EDUCATION AND TRAINING

18/09/2022 – CURRENT Bologna, Italy

BACHELOR'S DEGREE IN COMPUTER ENGINEERING Alma Mater Studiorum - Università di Bologna

Website www.unibo.it | **Field of study** Engineering, manufacturing and construction

10/02/2024 – 06/07/2024 Bologna, Italy

CYBERCHALLENGE.IT 2024 Agenzia per la cybersicurezza nazionale (National Cybersecurity Agency)

<https://cyberchallenge.it/en/about>

Website <https://cyberchallenge.it/en> | **Field of study** Cybersecurity |

Final grade 🏆 3rd place in the Italian national competition 🏆

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B2	B2	B2	B2	B2
CHINESE	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

PROGRAMMING

Advanced knowledge of : Bash, C, C++, Go, Python, TypeScript, JavaScript, React, Java, Solidity | Concurrent programming in Go | GIT version control, Linux Command | CI/CD Automated testing | Devops: Docker, Jenkins

CYBERSECURITY

Offensive and defensive Cryptography : breaking and protecting cryptographic protocols | Web Pentesting | Binary exploitation | IPS/IDS (Snort, Suricata) | netfilter (iptables/nftables) | Ethical hacking mindset | Experience in many CTF competitions

BLOCKCHAIN / WEB3

Advanced Knowledge of Solidity | Knowledge of tooling such as Truffle and Foundry-rs | Development and deployment of Smart Contracts | Deep knowledge of The Graph protocol | Subgraph development and deployment

OPERATING SYSTEMS

Linux (Ubuntu, Debian, Arch) | Windows

VIRTUALIZATION

Virtualization (MS Hyper V VMware ESXi Oracle Virtualbox KVM QEMU) | QEMU+KVM | * Installing and configuring virtual machines | Hardware passthrough

HARDWARE

Experience in robotics software and hardware design using microcontrollers | Advanced knowledge of electronics and electrical engineering | Raspberry PiArduino | Implementation of IoT Systems Design Using ESP32 & ESP8266

ADDITIVE MANUFACTURING

Good knowledge of CAD (AutoCAD, Fusion360) and Blender | Experience with FDM 3D Printing with various plastic polymers | 3D Printing equipment maintenance | 3D Design of print in place and compliant mechanisms


SERVER ADMINISTRATION

Linux (Server) | Dovecot email server | Web server Apache/Nginx | Web Server Administration

HONOURS AND AWARDS

06/07/2024

 **3rd place in the Italian National Cybersec competition CyberChallenge.IT  - National Cybersecurity Agency**

I competed in the national Attack Defense CTF at the ONU [ITCILO](#) campus in Turin, after winning several selection rounds and going through a 4 month training period, with the **Alma Mater Studiorum - Università di Bologna** team, competing against 43 other Italian universities and reaching the podium in 3rd place 

SPEECHES

06/07/2024 - 06/07/2024

Fingerprinting TCP/IP

A brief speech given at the CyberChallenge Workshop on fingerprinting and blocking remote attackers masquerading their IP. It can be viewed [here](#)

Link https://www.youtube.com/live/Ten8S50Fy7s?si=a_g25_KBYcbrRNOr&t=2633