

HAMZA AOUSSAR

CYBERSECURITY ENTHUSIAST & CTF PLAYER

COMPUTER SCIENCE GRADUATE

(ISC)² CERTIFIED — CC

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CAPTURE THE FLAG

PROFILE

Computer Science graduate and competitive CTF player, now specialising in offensive security. Two years of hands-on practice — team competitions and the CyberChallenge.IT national final — built working experience across web security, reverse engineering, cryptography and attack/defense scenarios. I solve problems fast, under time pressure, and I work best in a team.

SKILLS

- Penetration testing & vulnerability analysis
- Reverse engineering & cryptography
- Web app security — Burp Suite, XSS, SQLi, SSRF
- Scripting & automation — Python, Bash
- Problem solving under time pressure

LANGUAGES

Italian NATIVE

Arabic ADVANCED

English INTERMEDIATE

HONOURS & AWARDS

- 01 (ISC)² Certified in Cybersecurity (CC)
- 02 CyberChallenge.IT 2025 — 2nd place, local selection (CTF Jeopardy)
- 03 CyberChallenge.IT 2025 — National Finalist, 19th place (Attack & Defense)

EXPERIENCE

NATIONAL FINALIST — CYBERCHALLENGE.IT

FEB 2025 — JUL 2025

CyberChallenge.IT · Ferrara

- Placed 2nd in the local selection, qualifying for the national final among the country's top 100 players.
- Four months of intensive training in network & web exploitation, pwn/reverse engineering and cryptography.
- Ran live attack/defense operations and team CTFs, coordinating exploitation and patching in parallel.

HIGH-SCHOOL INTERNSHIP — TECHNICAL LAB

JAN 2019 — MAR 2019

MAST Foundation · Bologna

- Built and assembled an automated shampoo-bottle filling machine with the technical team.
- Pitched the project concept to the working group.

EDUCATION

MASTER'S DEGREE IN COMPUTER ENGINEERING

OCT 2025 — PRESENT

Alma Mater Studiorum — Università di Bologna · Bologna

PREPARATION FOR CPTS — CERTIFIED PENETRATION TESTING SPECIALIST

NOV 2024 — PRESENT

Hack The Box

Hands-on penetration-testing track on realistic targets: reconnaissance, web and network exploitation, Active Directory attacks, privilege escalation on Linux and Windows, lateral movement, vulnerability chaining and professional reporting.

BACHELOR'S DEGREE IN COMPUTER SCIENCE

SEP 2021 — JUL 2025

Università degli Studi di Ferrara · Ferrara

HIGH SCHOOL DIPLOMA IN COMPUTER SCIENCE

SEP 2016 — JUN 2021

IIS Belluzzi Fioravanti · Bologna