

Enrico Fortuna

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Education

MSc in Cybersecurity (avg. 29.29/30)

Sapienza - University of Rome

Rome, Italy

Ongoing (Expected 2026)

- **Relevant courses:** Malware Analysis and Incident Forensics, Practical Network Defense, Ethical Hacking, Blockchain and Distributed Ledger Technologies, Risk Management, Distributed Systems, Network Infrastructures.

B.S. in Computer Science (105/110)

Sapienza - University of Rome

Rome, Italy

March 2022

- **Relevant courses:** Computer Architecture, Software Engineering, DataBase, Security, Programming Methods, Design of Algorithms, Operating Systems, English Language, Linear Algebra.

Scientific High School Diploma

Paolo Ruffini - Scientific High School

Viterbo, Italy

June 2018

- **Applied Sciences** address focused on fundamental of scientific subjects like Maths, Physics, Chemistry and Computer Science.

Projects

Object Image Synthesis via Wi-Fi Signals | [Thesis](#) | Python, PyTorch

- Trained a two-branch neural network on Channel State Information (CSI) amplitude and polarization data to synthesize images of objects using only Wi-Fi signals, with no camera input.

Intentionally Vulnerable Web Application | [Write-up](#) | PHP, HTML, CSS

- Designed a deliberately vulnerable web application for a university ethical hacking course, implementing three real-world attack scenarios: SSH brute force, Telnet dictionary attack via OSINT, and Union-Based SQL injection.

Predator-Prey Ecosystem Simulator | Java

- Implemented Conway's Game of Life extended with a predator-prey model where sharks hunt fish and fish reproduce over time. Collaborated in a team of four students.

University Bar E-Commerce Website | JavaScript, HTML, CSS, PHP

- Full-stack website for the Sapienza University bar allowing students to browse products, order online and collect at the bar. Built in a group of three.

Museum Guide and Booking App (Rome) | Dart, Flutter

- Android app developed in a team of five, offering museum and artwork information across Rome, an interactive nearby-museums map, and a visit booking system.

Skills

Coding: C, Java, Python, SQL, Assembly

Tools & Technologies: Nmap, Wireshark, Metasploit, Burp Suite, PyTorch, Git

Operative System: Windows, Linux, Android

Concepts: Network Security, Blockchain, Machine Learning, Neural Networks, OOP, Database, Encryption

Languages: Native Italian Speaker, Fluent in English.

Extracurricula activity

- **Scouts d'Europa - FSE** — 10 years of activity, developing leadership and teamwork skills.
- **Grest Educator & Animator** — Organized and led summer recreational activities for teenagers, developing communication, leadership and group management skills.
- **Sailing** — Recreational sailing experience.