

# Curriculum Vitae

Giuseppe Berardi

June 25, 2026

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## Education

**Liceo Scientifico Augusto Righi** 2018 – 2024

**University Of Bologna** 2024 – now  
Degree, Computer Engineering

## Research Interests

Ethereum (Its Protocol/Architecture, Attack vectors for Smart Contracts, Formal Verifications, Merkle Trees), Cryptography (SNARKS, AES256, Digital Signatures, Elliptic Curves, Post-Quantum)

## Publications

Still none for now! Working in Progress...

## Experience

**CS courses** at HarvardX 2020 – 2022

Took courses in Fundamentals of Computer Science, Fundamentals of Machine Learning with Python.

**Full-Stack Developer** at Open-Space 2022 – 2024

Full development, management, security control for the website of a bar near the center of Bologna

**Member** at Ulisse Lab 2024 – 2026

Member of the Ulisse Cybersecurity Lab. Took part on various CTFs and Competitions with the team.

## Skills

Languages: C, C++, Python, Java, Rust, Lean, Go, Solidity

Tools: Common tools to develop and work on web3 and research articles