

Fernando Rabasco

CyberSecurity & Blockchain Engineer

I am a cyber & software engineer with a strong background in vulnerabilities, smart contract security and the EVM.
Looking for a role in the blockchain industry.

Seville, Spain 

+34 634 57 14 03 

ferrabled@gmail.com 

ferrabled.github.io 

ferrabled 

EDUCATION

- MSc in CyberSecurity** Sept '22 - June '23
 University Carlos III of Madrid
- BSc in Software Engineering** Sept '18 - June '22
 University of Seville

EXPERIENCE

- Jun '24 — Sept '24 (4 months)
Security Researcher / Auditor - Intern
 Nethermind
 - Conducted security audits of protocol codebases, identifying and reporting vulnerabilities while providing effective mitigation strategies.
 - Developed an AI Security tool for detecting vulnerabilities, along with a VS Code extension to seamlessly integrate it into developers' IDEs.
- Oct '23 — Apr '24 (7 months)
Blockchain & Security Architect
 Futura Tickets - Startup
 - Ideated and developed the tech stack for Futura Tickets, ensuring robust security and efficiency.

COMPLEMENTARY EDUCATION

- eCPPT - Certified Prof. Pentester** February '24
 INE Security
- Solidity Expert** Oct '23 — Nov '23 (2 months)
 Encode Club Education
- School of Solana** Sept '23 — Nov '23 (3 months)
 Ackee Blockchain
- Cardano Blockchain Certified** July '23 — Aug '23 (2 months)
 Cardano Foundation

TECHNICAL SKILLS

Blockchain Technologies

- Solidity Foundry Hardhat Yul Assembly
- EVM IPFS Opcodes Smart Contract Auditing

CyberSecurity

- Networks RedTeam ATT&CK Suricata Wazuh

Programming Languages

- Python Bash JavaScript Solidity Java C

Web Development

- React Next JS Tailwind NodeJS HTML/CSS









LANGUAGES

- Spanish** Native
- English** Advanced
- Chinese** Low - Intermediate

PROJECTS

- SolidityGuard** Dec '22 - Jun '23 (7 months)
Master's Degree Thesis
Static Analysis tool to detect vulnerabilities in solidity smart contracts. Twelve detectors traverse the AST identifying weaknesses and using AI, a report detailing the result of the audit is generated.
- Stego-Tool** Apr '23 — Jun '23 (3 months)
Coursework Project
Steganography tool created in Python for hiding a message (password protected) in a video, using an image and an audio.
- STACK** Dec'21 — Jun '22 (7 months)
Bachelor's Degree Thesis
An organization asset management in React and driven by blockchain, for inventory management purposes. Product, Viability study & research.

COMPETITIONS & HACKATHONS

- ETHOnline Hackathon** September '24
 Sign Protocol - Most Creative App
RealYou is an AI resistant, authentic social network.
- ETHGlobal - Brussels** July '24
 Winner of 5 tracks; Celo, Arbitrum, Hyperlane, Flare Network & Blockscout.
Net Zero, a carbon footprint offset application for companies, with gamification & funding capabilities.
- U-Hack** March '24
 Winner Project
Ritzy Protocol, a decentralized Phygital marketplace enhancing security and interaction with NFC tech.
- ETHGlobal - London** March '24
 Arbitrum & Chilliz PrizePool
Developed Zycket, a versatile ticketing system.
- Hackathon Vottun & DEXTools** January '24
 RootStock Challenge Winner
Developed a blockchain B2B2C eLearning solution.
- Binance & Heretics Hackathon** December '22
 Runner up
- BBVA Hackathon 2022** October '22
 Microsoft Challenge Winner
- Huawei Seeds for the Future** September '22
 Tech4Good competitor

PROFESSIONAL SKILLS

- Proactivity Teamwork Communication
- Time Management Decision Making Autonomy