

# Alejandro de la Torre

## Cybersecurity Engineer



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📍 Madrid, Spain

🌐 LinkedIn

### PROFILE

Cybersecurity engineer specialized in **penetration testing**, **static code auditing**, and **system architecture**. Experienced in **automating security assessments**, deploying secure infrastructures, and auditing **smart contracts** and **web APIs**.

Skilled in **Python** and **Bash scripting** for automating security tasks and infrastructure management.

### CERTIFICATES

ISO 27001 Lead Auditor  
RINA S.p.A.

B Drive License

### LANGUAGES

English  
C1 by E.O.I.

Spanish  
Native

### PROFESSIONAL EXPERIENCE

#### NTT DATA, Security Analyst

11/2021 – Now | Madrid, Spain

- Conduct **penetration testing** on web APIs, networks, and cloud environments.
- Perform **static and dynamic code analysis** to detect security flaws in applications, improving secure coding practices.
- Develop and automate **security assessment tools**.
- Design and deploy **IAM solutions**, integrating **SSI** for decentralized authentication.
- Audit **Ethereum smart contracts** and blockchain security.

### EDUCATION

#### Master's degree in Cybersecurity (Bilingual), Universidad Carlos III de Madrid

2024 – Now | Madrid, Spain

#### Bachelor's degree in Computer Science, Universidad Carlos III de Madrid

2017 – 2022 | Madrid, Spain

- Student Delegation Member
- Executive board of Linux User Group
- President of Mountain Club

### SKILLS

#### Programming Languages

Python, Bash, Java, C/C++, JavaScript, SQL

#### Security & Pentesting

Burp Suite, Metasploit, Nmap, Wireshark, OWASP ZAP, Static & Dynamic Code Analysis

#### System Architecture

Docker, Kubernetes, IAM

#### Blockchain & IAM

Ethereum, Smart Contract Auditing, Digital Identity, Self-Sovereign Identity

### PROJECTS

#### SECANT, Projects Horizon 2020 Research & Innovation 🔗

2022 – 2023

Developed and deployed IAM & Digital Wallet for decentralized identity management to develop secure environment for healthcare centres throughout Europe

#### DataPorts, Projects Horizon 2020 Research & Innovation 🔗

2021 – 2022

Led web API pentesting, code audits, and deployed IAM & Blockchain nodes for secure data exchange

#### EBSI, Projects Horizon 2020 Research & Innovation 🔗

2021 – 2021

Automated Ethereum Smart Contract security audits, improving vulnerability detection.