

Luis Fernandez

Madrid, Spain

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Education

Universidad Complutense de Madrid

Bachelor of Engineering in Software Engineering

Sep 2016 – Jun 2020 | Madrid, Spain

GPA: 9.1/10.0

Activities: Open Source Software Association President, Cybersecurity Club Member, Programming Contest Organizer

Relevant Coursework: Software Design Patterns, Secure Software Development, Cryptography, Web Application Security, Penetration Testing, Network Security, Operating Systems Security

Final Project: Secure Messaging Application with End-to-End Encryption and Zero-Knowledge Proofs

Work Experience

Security Engineer | BBVA Bank | Sep 2020 - Present | Madrid, Spain

- Conducted security code reviews and vulnerability assessments for critical banking applications.
- Implemented secure authentication systems with multi-factor authentication and biometric verification.
- Developed automated security testing frameworks that identified 45+ critical vulnerabilities.
- Led security awareness training programs for development teams, reducing security incidents by 30%.

Skills

Programming: Java, Python, JavaScript, Go, C/C++, Rust

Security Testing: OWASP ZAP, Burp Suite, Metasploit, Nessus, Wireshark

Security Domains: Web Security, API Security, Mobile Security, Cloud Security, Network Security

Development: Secure SDLC, Threat Modeling, Secure Coding Practices

Compliance: PCI DSS, GDPR, ISO 27001, NIST Cybersecurity Framework

Tools: Docker, Kubernetes, Jenkins, Git, GitHub, GitLab

Other: Cryptography, Identity Management, Zero Trust Architecture, Security Automation, DevSecOps

Certificates

Certified Information Systems Security Professional (CISSP)

Offensive Security Certified Professional (OSCP)

Certified Ethical Hacker (CEH)

GIAC Web Application Penetration Tester (GWAPT)

Awards

1st Place – BBVA Global Cybersecurity Challenge 2022

Top Security Researcher – HackerOne Bug Bounty Program 2021

Best Security Innovation – Spanish Banking Association Awards 2023