# 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