

# Tiago Domingues

Software and Network Security | Smart Contract Development and Auditing

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## Education

MSc: Telecommunications and Computer Engineering  
Instituto Superior Técnico

📅 Sep 2020 – July 2023

📍 Lisbon, Portugal

- GPA: 17/20
- Specialized in Cybersecurity and Distributed Systems
- Thesis: Pentesting Labs for Web Security and Active Directory

BSc: Computer and Network Engineering  
Instituto Superior de Engenharia de Lisboa

📅 Sep 2017 – Sep 2020

📍 Lisbon, Portugal

- GPA: 17/20
- Undergraduate student of the year (highest GPA)
- Research Project: NIDS for domestic IoT

## Experience

Information Security Engineer

Crossjoin Solutions

📅 Nov 2023 – Ongoing

📍 Lisbon, Portugal

- Implementation of ISO27001.
- Pentest internal network and applications.
- Collaborate with security team to launch a security offering.

Cyber Forensics Assistant Professor

Instituto Superior Técnico

📅 Sep 2021 – Feb 2022

📍 Lisbon, Portugal

- Coordinated laboratory classes.
- Created lab assignments to be performed by the students.
- Reviewed and evaluated the aforementioned assignments.

## Courses & Certification

Blockchain, Solidity and Web3 Development

Patrick Collins @FreeCodeCamp

Ethereum; Smart Contracts; Solidity; JavaScript; Chainlink; Hardhat.

Bootcamp for Smart Contract Security Auditing

Secureum

Security pitfalls and best practices; Audit techniques and tools.

## Areas of Interest

- Blockchain Engineering
- Smart Contract Development and Auditing
- Network Engineering
- Software and Network Security
- Penetration Testing

## Projects

Blockchain and Smart Contracts

- Simple Smart Contracts to learn Solidity;
- Solutions to Damn Vulnerable DeFi;
- Solutions to Ethernaut.

Software Security

- Hackergram Lab: Vulnerable web app to practice web-based attacks;
- Rebind&Conquer Lab: Demonstrating the DNS Rebinding attack;
- HacktiveDirectory Lab: Practicing Active Directory pentesting.

Network Security

- Network-based Intrusion Detection System for domestic IoT.

## Skills

Python

Solidity

JavaScript

C

Java

EVM

Hardhat

Self Learning

Teamwork

Leadership

Critical Thinking

Detail-oriented

## Languages

Portuguese

● ● ● ● ●

English

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Spanish

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