

# Tiago Domingues

Postgraduate Student | Blockchain - Cybersecurity - Network Engineering

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## Education

MSc: Telecommunications and Computer Engineering

Instituto Superior Técnico

📅 Sep 2020 – Ongoing

📍 Lisbon, Portugal

- Current GPA: 16.4/20.0
- Specializing in Cybersecurity and Distributed Systems
- Dissertation (ongoing): Pentesting Lab for Web and Software Security

BSc: Computer and Network Engineering

Instituto Superior de Engenharia de Lisboa

📅 Sep 2017 – Sep 2020

📍 Lisbon, Portugal

- GPA: 17.1/20.0
- Research Project: Network-based Intrusion Detection System for domestic IoT

## Experience

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

Bootcamp for Smart Contract Security Auditing

Secureum

📅 Oct 2021 – Dec 2021

Key aspects of Solidity; Security pitfalls and best practices; Audit techniques and tools.

MOOC: Introduction to Digital Currencies

University of Nicosia

📅 Sep 2020 – Dec 2020

Basics of Cryptocurrency; Bitcoin; Blockchain Types; DeFi.

MikroTik Certified Network Associate (MTCNA)

MikroTik

📅 Feb 2020

DHCP; Bridging; Routing; Wireless; Firewall; QoS; Tunnels.

Certificate in Advanced English (Level C1)

Cambridge English Language Assessment

📅 Aug 2016

## Areas of Interest

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

## Projects

Pentesting Lab for Web and Software Security

Instituto Superior Técnico

- Built on GNS3 with Docker containers.
- Covers attacks and countermeasures on XSS, CSRF, SLQ Injection, DNS Rebinding, Format String, Buffer Overflow and Race Conditions.

Network-based Intrusion Detection System for domestic IoT

Instituto Superior de Engenharia de Lisboa

- Raspberry Pi application.
- Detects intrusions and attempts of intrusion in IoT devices on home networks.

## Honors & Awards

Undergraduate student of the year

Instituto Superior de Engenharia de Lisboa

📅 2020

## Skills

Python

Solidity

JavaScript

C

Self Learning

Teamwork

Leadership

## Languages

Portuguese

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English

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Spanish

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