



João Luis Saraiva Costa

Masters in Computer Science

Lisboa

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I am in my first year of a Master's degree in Computer Science, focusing on Software Development, Cybersecurity, and Distributed Systems. I have achieved valuable experiences. Now I'm looking for a part-time job to balance with my studies or a curricular internship starting in April 2025. I am also open to summer internships in these areas or even open to other new challenges!

EDUCATION

Master's in Computer Science at Instituto Superior Técnico

[2024 - Present]

Focus areas: Distributed Systems, Cybersecurity and Software Development.

Bachelor's in Computer Science at Instituto Superior Técnico

[2021-2024]

Final classification: 14.

MEMBERSHIPS & NETWORK

Magma Studio Ambassador

[2022 - Present]

In this role, me and my team, promote company's events directly to students, helping them find valuable opportunities. It's been an experience focused on teamwork and clear communication with both my team and the students I engage with.

Security Club Member at IST

[2022 - Present]

I joined the STT team to learn more about cybersecurity. We work on activities like Capture The Flag (CTF) challenges, solving exercises based on real security problems. We meet every week to discuss issues, learn new skills, and create security tools for competitions. Here I am developing my problem solving and teamwork skills.

INTERNSHIPS

Monitoring of autonomous vehicles at IST

[06/2018]

I worked with a small robot that had two DC motors controlled by an Arduino. My work involved programming it to follow a path with instructions, programming and controlling it through Bluetooth and through a camera.

Telecommunications INTELE at IST

[06/2019]

During this internship I learned about telecommunications and developed experience with circuit board assembly.

SPORTS

Taekwondo as Federated Athlete, Referee and Monitor (Represented IST at Nacional Championship)

I started practicing at 10 years old and have competed in over 200 tournaments. I proudly represented IST at the National University Championship in 2022 and 2024. As a certified referee, I was present at district and national championships, working with 25 referees and over 250 athletes. I have also taught Taekwondo for more than 30 younger athletes.

VOLUNTEERING

Summer School Monitor

Me and my team supervised 40 children at a summer camp for two weeks, organizing activities and ensuring their safety as a team of 10 volunteers.

CURRICULAR PROJECTS

Integrated Project (Open-Source Contributions)

Bug Fix: Fixed a bug in an open-source YouTube Chrome extension by improving the headbar's transparency.

Feature: Added a functional feature of assigning keybind shortcuts to execute user desired commands.

Software Engineering Project

Here we built a platform connecting volunteers with organizations focusing on security. We used Java creating APIs for user login/registration and feedback collection. Also used Vue with TypeScript for the frontend.

Database Application Project

Here we've created a database for customers, orders, and products, using SQL. We developed a web app with Bootstrap and used Python Flask for the API.

Computer Networks Project

This is an auction system developed in C where I learned how to manage UDP and TCP connections, such as file transfers.

TECHNICAL SKILLS

Digital:

Java | C++ | Python | C | JavaScript | React.js | View.js | SQL | Git | TypeScript | Assembly | Linux

Languages:

Portuguese (Mother), fluent in English.