JOÃO LUIS SARAIVA COSTA

Nationality: Portuguese **Birthday date**: 25/06/2002

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For more detailed information about me: Site

LANGUAGES - (Mother) Portuguese, English

SKILLS

I have developed strong soft skills in effective communication, collaboration, leadership (both shared and solo), and problem solving through all of these experiences mentioned in this CV.

Digital: Python | C | JavaScript | Java | C++ | Linux | HTML | Git | React.js | Vue.js | Assembly | Docker | SQL

SPORTS

Taekwondo (Federated Athlete, Referee and Monitor)

I started Taekwondo when I was 10, competing for different clubs and winning medals in team and individual events. I represented IST in the National University Championship in 2022 and 2024, finishing 3rd both times. As a member of the federation, I've competed in over 200 tournaments. I was also a certified referee and have officiated at both district and national events. I've taught more than 30 young students in over 10 classes.

EDUCATION

Bachelor's Degree in Computer Science and Engineering at Instituto Superior Técnico [2021 - 2024]
https://tecnico.ulisboa.pt/en/

Master's Degree in Computer Science and Engineering at Instituto Superior Técnico [2024 - *current*]

I promote events and job opportunities to help students like me to connect with the professional world, growing together through strong communication.

High School Diploma, Sciences and Technologies
http://www.esars.pt/

NETWORKS AND MEMBERSHIPS

Magma Studio Ambassador [10/2022 - *current*]

I promote events to students and help create opportunities for growth while working as a team and communicating effectively.

STT - Security Club of IST [06/2024 - *current*]

I joined the IST security team to learn more about cybersecurity. We work together on challenges called Capture The Flag, have weekly meetings to solve problems, and create security tools for competitions.

INTERNSHIPS

Internship at IST - Assembly and Monitoring of autonomous vehicles [2018]

I worked on building and controlling a robot, using Arduino and Bluetooth to guide it.

Internship at IST - Introduction to Telecommunications INTELE [2019]

Learned the basics of telecommunications, including long and short-distance communication, electromagnetism, and how the internet works.

VOLUNTEERING

Summer School Monitor

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

COLLEGE PROJECTS

Computer Networks Project

Github

This project is an auction platform developed in C, with an Auction Server and a User Application. Users can start, close, and participate in auctions, bid on items, view images, and check bid histories. The server manages auctions via UDP, while TCP is used for transferring item files. Users can also manage their accounts by logging in, out, or unregistering.

Database Application Project

Github

In this project as a group, we created a database schema with tables for customers, orders, and products, ensuring data integrity through the use of Stored Procedures and Triggers. We developed complex SQL queries to analyze sales and track employee performance.

We also built a web application with Bootstrap, making the user interfaces easy to use. This improved the experience for customers and managers in searching for products and managing orders. Additionally, we used Python Flask for the API to facilitate communication between the web app and the database.

OPEN SOURCE CONTRIBUTIONS

Bug Fix: Enhancing the Transparent Headbar for Youtube Chrome extension

Github

I fixed a bug in an open-source Chrome extension for YouTube, improving the headbar's transparency for a cleaner and more minimal look. By updating the CSS and JavaScript, I made the interface less distracting and enhanced the user experience.

Feature: Improved Shortcut Management for Youtube Extension - [05/2024]

Github

Me and my colleague fixed a shortcut conflict issue by adding an alert feature that notifies users if a chosen shortcut is already in use. Users can then decide to keep the old shortcut or assign the new one, preventing confusion. Changes take effect after refreshing the page.