Simão Rodrigues

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Nationality: Portuguese | **Link:** https://github.com/SimaoFRodrigues

Skills

- Java
- Python
- HTML & CSS
- Javascript
- Arduino

- Object-Oriented Programming (OOP)
- Software Design & UML
- CRUD Systems
- Teamwork & Problem-Solving

Education

Bachelor's Degree: Computer Science and Multimedia Engineering
ISEL - Instituto Superior de Engenharia de Lisboa, September 2024 - June 2027   Lisbon

- Personal task manager (CRUD System) in Java with OOP and data storage/persistence through XML
- Showcase Portfolio using HTML & CSS
- Robot control program with GUI in *Java*
- Smart access control simulator in *Arduino*

Languages

Portuguese: First language

English: B2

Upper intermediate

Summary

Motivated Computer Science and Multimedia Engineering student with solid experience in academic and personal projects using *Java, Python, C* and *Arduino*. Skilled in object-oriented programming, CRUD systems and UML system design. Proven ability to work in teams, solve problems creatively, and deliver functional applications, including desktop task managers, management systems and electronic circuits with microcontrollers (Arduino, sensors, LEDs, actuators). Driven by curiosity and continuous learning, eager to apply technical knowledge to real-world challenges.

Hobbies

Curious about programming and technology, always eager to learn how things work. Enjoy exploring new places and cultures, with a strong passion for music.

Extracurricular Activities

- Mentori@IPL at ISEL - Institutional initiative of the Polytechnic Institute of Lisbon that promotes academic, personal, and social integration of students through voluntary mentoring.

Personal Projects

Available at: *github.com/SimaoFRodrigues*
Includes academic and personal projects such as:

- Portfolio website built with *HTML* and *CSS*
- Personal task manager (*CRUD system*) in *Java*
- Work order management system (*CRUD system*) in *Java*
- GUI-based calculator in *Python*
- Robot control program with GUI in *Java*