

# Manuel Martins

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## EDUCATION

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### Instituto Superior Técnico (IST)

2022 – 2025

*Bachelor's Degree in Computer Science and Engineering*

- Grade: **17/20** (current)
- Curriculum with major focus on Algorithms & Data Structures, Artificial Intelligence, Databases, OOP, Machine Learning, Networks, Compilers and Distributed Systems.
- Languages: **Python, C, C++, Flutter, Javascript.**

### IST Hacker School

2023 – Present

- Member of the IST Hacker School, where I currently work collaboratively in a team environment to develop multiple projects focused on web and app development.
- Gained valuable experience in software development best practices as well as implementing software solutions that meet business goals and user needs using multiple languages and frameworks.

## PROJECTS

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### Path Management System

Apr 2024

- Built a Path Management System with Stop and Connection Support using **C**. The system enables users to create, edit and delete paths that include stops and connections for transportation planning.
- <https://github.com/manuel-dev04/Path-Manager>

### Minesweeper Game

Nov 2022

- Designed and implemented an optimized Minesweeper game in **Python** using object-oriented programming principles, resulting in a user-friendly and efficient gameplay experience.
- <https://github.com/manuel-dev04/Minesweeper>

### Python Mini-Library

Out 2022

- Developed a mini **Python** library consisting of several methods to simplify operations, improve code efficiency, and increase productivity, resulting in a reusable components for future projects.
- <https://github.com/manuel-dev04/Python-Mini-Library>

## ABOUT ME

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- Passionate developer with a keen desire to learn, who thrives in collaborative environments with a strong ability to prioritize and manage multiple tasks to ensure the achievement of project goals.