José Ferreira

Computer Engineer - Porto, Portugal

- in linkedin.com/in/josedsferreira
- github.com/josedsferreira
- (josedsferreira.github.io
- **J** +351 918510138





EDUCATION	
Universidade Lusófona	Porto
Bachelor of Computer Engineering	2021-2024
TAP Air Portugal	Lisbon
First Officer in training - Airbus A320 licence and real airline flight training	2018-2019
Nortávia Flight School	Maia
Airline Transport Pilot licence	2012-2015
NOTABLE PROJECTS	
Current In-progress project - StarFraction 🔾	2024
 Backend focused learning project with simple frontend component 	
Java Spring Boot, Next.js, Docker Postgres	
Insight Scholaris	2023-2024
Web App for academic success prediction using ML	
 Python, Flask, Scikit-Learn, PostgreSQL, Bootstrap, Javascript 	
PEPE-8 Processor emulator 🗘	2023
 Emulator that reads assembly programs and shows processor state and memory 	

QtRetroviewer Image Editor (7)

2024

- · Desktop application made with Qt for editing pictures to give them a retro look
- C++, Qt Quick, OpenCV

QR Code Gate (7)

• C++

2024

- · Embedded system for a gate that unlocks via QR Code
- · Raspberry Pi, Python, Firebase

QR Code Check-in App 🗘

2023

- · App that facilitates the reading of tickets trough a device's camera
- · Kotlin, Firebase

Zebbra 🗘

2024

- Job hunting website that allows users to search and save job openings from two different API's
- · React.js, Node.js, TailwindCSS, MongoDB, Axios, Express

TECHNICAL SKILLS

Languages: Portuguese (Native), English (C2), German (A1)

Programming: C, C++, Python, Java, Kotlin, HTML, CSS, JavaScript, SQL

Frameworks: Flask, Qt Quick, Spring Boot, Next.js

Developer Tools: Git, GitHub Libraries: Scikit-learn, OpenCV

KNOWLEDGE AREAS

Backend API development

Web, Mobile and desktop Applications SQL Server, MySQL, Postgres Databases

Git, Github

SOFT SKILLS

Leadership, teamwork and communication

Problem-solving and Autonomy

Time management

Working in high pressure environments

EXPERIENCE

2020 - 2021 Warehouse Worker Maia

· Loading dock work, sorting and distribution of mail and packages

Cashier

Matosinhos

Pizza Hut

· Costumer service and general restaurant work

2016 - 2017