

# José Ferreira

**Computer Engineer** - Porto, Portugal

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## EDUCATION

### Universidade Lusófona

*Bachelor of Computer Engineering*

Porto

2021-2024

### TAP Air Portugal

*First Officer in training - Airbus A320 licence and real airline flight training*

Lisbon

2018-2019

### Nortávia Flight School

*Airline Transport Pilot licence*

Maia

2012-2015

## NOTABLE PROJECTS

### Insight Scholaris 🐙 | *Technologies used*

2023-2024

- Web App for academic success prediction using ML
- Python, Flask, Scikit-Learn, PostgreSQL, Bootstrap, Javascript

### PEPE-8 Processor emulator 🐙 | *Technologies used*

2023

- Emulator that reads assembly programs and shows processor state and memory
- C++

### QtRetroviewer Image editor 🐙 | *Technologies used*

2024

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

### QR Code Gate 🐙 | *Technologies used*

2024

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

### QR Code Check-in App 🐙 | *Technologies used*

2023

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

### Zebbra 🐙 | *Technologies used*

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

**Developer Tools:** Git, GitHub

**Libraries:** Scikit-learn

## KNOWLEDGE AREAS

Embedded Systems

Web and Mobile 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

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### **Warehouse Worker**

2020 – 2021

*CTT*

*Maia*

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

### **Cashier**

2016 – 2017

*Pizza Hut*

*Matosinhos*

- Customer service and general restaurant work