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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

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
- C++

QtRetroviewer Image Editor 🔗

2024

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

QR Code Gate 🔗

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 through 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