



RUI FERREIRA

📍 Cascais, Portugal

☎ (+351) 913 186 271

✉ rui@rui-ferreira.com

🌐 rui@rui-ferreira.com

🔗 rui-ferreira.vercel.app

🐙 rfcfe

ABOUT ME

I recently finished my master's in computer science and business management. I enjoy coding and have a knack for picking up new languages and tech skills. I'm eager to dive into practical projects, grow professionally, and collaborate with a fantastic team. Let's discuss how I can contribute to your projects.

EDUCATION

■ MSc in Computer Science and Business Management

2022 – 2023

ISCTE – University Institute of Lisbon ▪ 15/20

DISSERTATION PROJECT | REACT DASHBOARD APPLICATION ▪ 18/20

Developed a dynamic dashboard application featuring a React frontend paired with a Spring Boot backend. Seamlessly extracting information directly from Moodle in real time, the app offers a comprehensive view of their academic progress and learning milestones of students.

PUBLICATION | HOW CAN LMS AFFECT STUDENT'S MOTIVATION AND ENGAGEMENT?

Contributed to writing a chapter published in the book **Digital Technologies and Transformation in Business, Industry and Organizations**, Volume 2, Chapter 10, doi: [10.1007/978-3-031-40710-9](https://doi.org/10.1007/978-3-031-40710-9)

■ BSc in Computer Science and Business Management

2018 – 2022

ISCTE – University Institute of Lisbon ▪ 13/20

PROJECT | CHOOZE

Developed a mobile app using Flutter, offering users a curated selection of local activities. The app employs a simple algorithm to tailor activity recommendations based on individual preferences.

PROJECT | ABIOTIC FACTORS CONTROL AND MANAGEMENT SYSTEM

Developed a system using MongoDB to collect data from sensors, transforming and storing it efficiently in a SQL database using Java. Each user had personalized notification settings for their labs, receiving alerts when ambient factors approached critical limits. Users could easily configure these settings through an intuitive HTML page, ensuring a tailored experience. Additionally, the system featured a mobile application, allowing users to visually track and analyze the dynamic variations in sensor values.

PROGRAMMING SKILLS

LANGUAGES I can write in

- React
- Java
- SQL
- JavaScript
- PHP
- VBA
- HTML
- CSS
- Typescript
- MongoDB
- Next.js

LANGUAGES

- Portuguese – C2 (native)
- English – B2 (intermediate)
- Spanish – A2 (basic)