

Simão Rodrigues

Final year BSc Student in Informatics and Multimedia Engineering

📞 +351 935312358 ✉️ simao.rodrigues.dev@gmail.com | 💻 simão-rodrigues1 🌐 SimaoFRodrigues | 📍 Setúbal

EDUCATION

ISEL Instituto Superior de Engenharia de Lisboa

Current GPA: 13.7/20 | Expected Graduation: June 2027

BSc in Informatics and Multimedia Engineering

Lisbon, Portugal

- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Databases, AI for Autonomous Systems, Web Development, Electronics, Computer Systems
- **Academic Activities:** Peer mentor in *Mentori@IPL*, supporting new students academic and social integration at ISEL.

CERTIFICATIONS & BADGES

- Microsoft Python Programming Fundamentals (Coursera, 2026)
- Introduction to Cybersecurity (Cisco Networking Academy, 2026)
- Code with GitHub Codespaces (GitHub Skills, 2025)
- Level Up Cybersecurity with Generative AI (IBM SkillsBuild, 2026)
- Critical Thinking and Problem Solving (Santander Open Academy, 2025)

PROJECTS

AlInnovation Hackathon | CGD x NTT DATA

Oct. 2026

AI price comparison agent

- Collaborated in a five-person team to build an AI-powered price comparison agent prototype, focusing primarily on prompt engineering and defining instructions for the agent.

Web-Based BIM Visualization Integration (Autodesk APS) – Glose

Oct. 2025 – Dec. 2025

Freelance Project

- Built a BIM web viewer (JavaScript, HTML/CSS, Autodesk APS) for 3D model exploration and a .NET (C#) backend for secure token generation and Facility Management platform integration.

Task Management REST API

April 2026 – May 2026

Personal Project

- Built a Spring Boot REST API with CRUD operations, MVC architecture, DTOs, Swagger/OpenAPI documentation and Lombok. [View repository.](#)

WaveCanvas

Oct. 2025 – Nov. 2025

Academic Project - ISEL

- Built a real-time audio visualiser (JavaScript, Web Audio API, Canvas) with two audio sources, five visualisation modes and PNG/JPG export. [View repository.](#)

SKILLS

Programming Languages: Java, JavaScript, Python, SQL

Tech Stack: Spring Boot, Spring Data JPA, REST APIs, HTML/CSS, Git/GitHub, Postman, prompt engineering

Soft Skills: Critical thinking, teamwork, problem-solving, continuous learning

Interests: Software development, applied technology, music, and exploring new cultural environments

Languages: Portuguese (Native) and English (Intermediate – Technical)