Clara Sousa

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SUMMARY

I am a passionate and driven soon-to-be graduate with a Bachelor's in Informatics and Computer Engineering. With a solid foundation in front-end development, I excel at creating intuitive and dynamic user interfaces that provide seamless user experiences. Beyond front-end work, I have a strong curiosity about AI, machine learning, and data analytics, and I am eager to expand my expertise in these areas. I am always looking for new opportunities to collaborate, innovate, and push the boundaries of technology

EDUCATION

Bachelor in Informatics and Computing Engineering　　　Faculty of Engineering of the University of Porto

EXPERIENCE

Armis　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Hybrid
Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　　Aug 2025 - Present
- Contributing to the creation and management of AI agents using Microsoft technologies.
- Building an AI-based information retrieval platform using PostgreSQL, Python, SQL, TypeScript, and Next.js. This platform allows users to submit and label various file types (images, videos, PDFs, voice memos, etc.), manually or using AI, and manage tags.
- Assist in the development and integration of a chatbot that can retrieve information about the company and retrieve relevant files from the information retrieval platform.

Armis　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　In-person
AI and Data Analysis Intern　　　　　　　　　　　　　　　　　　　Feb 2025 - Jun 2025
- Developed a recommendation model to suggest the most reliable AI model for given datasets, with the aim of predicting the results more accurately.

Pyfusion (Startup)　　　　　　　　　　　　　　　　　　　　　　　　　　　Remote
Full Stack Developer　　　　　　　　　　　　　　　　　　　　　　　Jun 2024 - Jan 2025
- Led the development of the user interface for a bearing machine, primarily using React and Next.js to build a responsive, dynamic, and user-friendly front-end interface for machine control and monitoring.
- In the later phases of the project, Python and SQL were integrated to import and display real-time data, ensuring seamless interaction between the front- and back-end systems for live data visualization and system control.
- Focused on optimizing the performance and scalability of the interface, enhancing its responsiveness and stability for efficient machine operation and data management.

EXTRACURRICULARS

ShARE-UP　　　　　　　　　　　　　　　　　　　　　　　　　　Jun 2024 – Jan 2025
- Developed data-driven marketing strategies and business plans.
- Executed projects for companies like WorkIN and AssetFlow, focusing on AI and market expansion.
- Completed McKinsey training in business strategy and marketing.
- Coordinated a student network and an internal department focused on innovation and business projects.

NIAEFEUP　　　　　　　　　　　　　　　　　　　　　　　　　　Nov 2023 – Present
- Active member of the Marketing Department.
- Contributed to the development of a user-friendly timetable platform for students, enabling seamless selection of university schedules using React.

SKILLS

- Languages: Python, JavaScript/TypeScript, SQL, C, C++
- Frameworks & Technologies: React, Next.js, Node.js, PostgreSQL, Spring Boot, Laravel