Raúl García Balongo

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About me

Computer Science Engineer specialized in Information Systems from the University of Málaga, focused on data analysis and the transformation of information into actionable knowledge to support decision-making.

I work with data analysis tools and technologies such as Python, SQL, Spark, Power BI, Tableau, and cloud environments like Azure, applying them to data processing, analysis, and data visualization. My engineering background provides a solid foundation in mathematics, statistics, and logical reasoning to approach complex problems in a structured way.

I am driven by curiosity to understand the underlying reasons behind data, critical thinking to question conclusions, and the ability to turn technical analyses into clear and meaningful stories through effective communication focused on value.

I enjoy working in team environments and collaborating with diverse profiles, maintaining a constant attitude of learning, perseverance, and professional growth in real-world, data-oriented projects.

Objectives

My professional goal is to join a team as a junior profile, contributing from day one to real-world projects that allow me to gain hands-on experience and build a solid professional career in the fields of data analysis, Business Intelligence, and data-oriented development.

I am seeking a stable full-time position that involves responsibility and continuous learning, and I am not interested in internships, training contracts, master's programs, or doctoral studies, as my priority is professional growth within a company and delivering value in a real production environment.

I am particularly motivated by roles that combine data analysis, visualization, and communication, as well as by technological environments where information is used to support decision-making and improve products, processes, or services.

Languages

- Spanish (Native)
- English (B2 First – Cambridge University Press & Assessment, June 2019, ID: 196ES4210143)

Soft Skills

I bring an analytical, structured, and results-oriented approach to my work, allowing me to tackle complex problems in an organized and efficient manner. I am characterized by consistency and perseverance when facing technical challenges, maintaining a proactive attitude toward continuous learning and improvement.

I work effectively in team environments and enjoy collaborating with diverse profiles, contributing clear and constructive communication. I am comfortable translating technical requirements into clear, practical, and well-aligned solutions that meet user or business needs.

My engineering background has strengthened key skills such as planning, time management, and adaptability to new environments and technologies, enabling me to integrate quickly into real-world projects and demanding professional settings.

WORK ARRANGEMENT

Preferably remote work, as it enables better cost optimization related to housing and transportation, as well as a more efficient and results-oriented time management.

I maintain a flexible attitude and am open to a hybrid work arrangement when the project context, team dynamics, or professional stage require it.

EXPERIENCE

DEKRA Digital & Product Solutions — *Internship*   March 2025 – May 2025

Grade: 10/10

Developed and maintained full-stack web features for a cybersecurity platform, working with Django, Angular, and PostgreSQL in a production environment. Implemented backend logic and integrated frontend components, improving the consistency and functionality of multiple application modules. Participated in the deployment and environment management using Docker, enabling a more stable and reproducible development process. Collaborated in an agile working environment, using Jira for task planning and GitLab for version control and code integration. Actively contributed to production code, gaining hands-on professional experience and strengthening teamwork skills.

Technologies used: Python, Django, Angular, APIs, Git, Jira, PostgreSQL, Docker.

University of Málaga — *Final Degree Project*   January 2025 – September 2025

Grade: 9.8/10

Design and development of a browser-based data analysis tool for the extraction, processing, and visualization of academic data from Moodle, aimed at supporting data-driven decision-making in educational contexts. Application of data extraction techniques, analytical processing, and analysis workflows to transform raw data into structured information and interactive dashboards. Generation of exportable analytical reports in PDF, CSV, and DOCX formats, enabling clear interpretation and practical use of results. Strong focus on data visualization and storytelling to clearly communicate usage patterns, participation, and academic performance. Use of React, Webpack, Chart.js, TailwindCSS, Docker, and agile methodologies in the development of the solution. Preparation of a scientific article currently in progress, reinforcing the analytical relevance and practical impact of the project in the field of educational analytics.

Technologies used: React, Webpack, Chart.js, TailwindCSS, Docker, Agile methodologies.

EDUCATION

2020 – 2025   **Bachelor's Degree in Computer Science Engineering**
University of Málaga   (Specialization in Information Systems)

Grade: 7.4/10

Bachelor's Degree in Computer Engineering from the University of Málaga, with a specialization in Information Systems and an education focused on data analysis and information management to support decision-making. Acquired a solid foundation in programming, databases, mathematics, and statistics, as well as in the design and analysis of information systems, developing a structured view of the data lifecycle. Progressive specialization in data analysis and Business Intelligence, working with Python, SQL, Power BI, and cloud environments. Applied these skills in academic projects and industry internships, strengthening teamwork and technical communication.

CERTIFICATIONS

December 2025	**Certification in Conceptualizing the Processing Model for Apache Spark Structured Streaming** **Pluralsight** *Skills:* Apache Spark
December 2025	**Certification in Data Science Methodology** **IBM** *Credential ID: V2ORMJ9Y2RAO* *Skills:* Jupyter, ETL, Business Analysis, Data Mining and Data-Driven Decision-Making
December 2025	**Certification in Data Scientist Career Guide and Interview Preparation** **IBM** *Credential ID: 7JDR9JO05CCN* *Skills:* Interview Preparation, Talent Acquisition, Product and Service Knowledge, Communication and Professional Development
December 2025	**Certification in Databases and SQL for Data Science with Python** **IBM** *Credential ID: LN8TE88FDW0B* *Skills:* SQL, Databases, Python Pandas, Data Manipulation and Transaction Processing
December 2025	**Certification in Introduction to Microsoft Azure Cloud Services (AZ-900)** **Microsoft** *Credential ID: PNJGD070TM89* *Skills:* Microsoft Azure, Cloud Computing, Cloud Services, Cloud Computing IaaS, Azure Virtual Machines and Virtual Networking
December 2025	**Certification in Tools for Data Science** **IBM** *Credential ID: 2GSRMS2A8BEI* *Skills:* Python, Cloud Computing, Big Data, R, Jupyter and Machine Learning
December 2025	**Certification in What is Data Science?** **IBM** *Credential ID: YCRBRS69TL6E* *Skills:* Data Science
December 2025	**Specialization in Introduction to Data Science** **IBM** *Credential ID: O2JLYAFJNYJO*
December 2025	**Certification in Handling Batch Data with Apache Spark on Databricks** **Pluralsight** *Skills:* Apache Spark and Azure Databricks
December 2025	**Certification in Implementing an Event Log with Kafka** **Pluralsight** *Skills:* Apache Kafka

December 2025	**Certification in SnowPro Core: Snowflake Cloud Data Platform Features and Architecture**
	Pluralsight
	Skills: Snowflake

December 2025	**Certification in Snowflake Cloud Data Platform: Getting Started**
	Pluralsight
	Skills: Snowflake

December 2025	**Certification in Up and Running with Databricks**
	Pluralsight
	Skills: Azure Databricks

December 2025	**Certification in Getting Started with Apache Spark on Databricks**
	Pluralsight
	Skills: Apache Spark and Azure Databricks

November 2025	**Certification in Up and Running with MongoDB for Data Analysts**
	Pluralsight
	Skills: MongoDB

November 2025	**Certification in Power BI**
	Santander Open Academy
	Credential ID: OA-2025-1113001958369
	Skills: Microsoft Power BI and Data Visualization

November 2025	**Certification in Introduction to Data Science**
	Santander Open Academy
	Credential ID: OA-2025-1112001953276
	Skills: Data Analysis, Data Science, and Big Data Analysis

November, 2025	**Certification in Negotiation**
	Santander Open Academy
	Credential ID: OA-2025-1102001909710
	Skills: Negotiation.

November, 2025	**Certification in Responsible Prompting: Maximize AI in Your Business**
	Santander Open Academy
	Credential ID: OA-2025-1102001909592
	Skills: AI Prompting and AI for Business.

October, 2025	**Certification in Critical Thinking and Problem Solving**
	Santander Open Academy
	Credential ID: OA-2025-1030001899782
	Skills: Critical thinking and problem solving.

June, 2019	**Cambridge English Level 1 (B2) Certificate in ESOL International**
	University of Cambridge
	Credential ID: 196ES4210143
	I achieved a score of 171 on the University of Cambridge B2 First exam.
	Skills: English.

RESEARCH PAPER

I am currently collaborating on the preparation of a scientific article based on my *Final Degree Project*, with the goal of submitting it to a journal or conference focused on educational technology and data analysis.