LUIS GUILLÉN SERVERA

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ABOUT ME

Results-oriented, adaptable, and passionate about tackling challenges. I excel in quickly solving problems, communicating effectively, and collaborating within a team. In the future, I aspire to lead projects, work directly with clients and development teams, and take an active role in sales.

WORKING EXPERIENCE

ASTICAN

Data Scientist Internship   LAS PALMAS DE GRAN CANARIA, SPAIN

OCT, 2024 – DEC, 2024

- Conducted data analysis and generated reports using *Python*, *Excel*, and *Power BI* to enhance operational efficiency.
- Developed interactive dashboards in Power BI, integrating them with *SQL Server* and *Microsoft Fabric* for real-time data visualization and monitoring.
- Automated workflows and data processing using *Power Platform*, optimizing decision-making in the shipyard.

EDUCATION

Bachelor of Science (BSc) in Data Science and Engineering

UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA (ULPGC)   LAS PALMAS DE GRAN CANARIA, SPAIN

SEP, 2020 – JUN, 2025

- Focused on machine learning, big data technologies, data mining and visualization, and software development, preparing for data-driven decision-making and engineering solutions.

Laurea Magistrale in Artificial Intelligence (Erasmus)

ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA   BOLOGNA, ITALY

OCT, 2022 – JUL, 2023

- Completed an Erasmus exchange at the Università di Bologna, studying for a Master's in Artificial Intelligence from October 2022 to July 2023.

PROJECTS AND PUBLICATIONS

Distributed Gutenberg Query Engine

UNIVERSIDAD DE LAS PALMAS DE GRAN CANARIA (ULPGC)   LAS PALMAS DE GRAN CANARIA, SPAIN

DEC, 2024

- Developed a distributed query processing system using *HazelCast* to manage large-scale text data.
- Implemented scheduled *scraping*, indexing, and retrieval of books from a *datalake*, optimizing performance through data partitioning.
- Enhanced parallel execution and data persistence for both structured and unstructured data, improving the efficiency of handling large data volumes.

The study analyses the growing adoption of artificial intelligence (AI) in Spanish SMEs, driven by technologies like chatbots and generative AIs. It examines how these companies are implementing AI to optimize costs and automate processes, demonstrating how AI improves operational efficiency and decision-making, establishing itself as a key tool in digital transformation and sector competitiveness.

SKILLS

Programming Languages: Python, Java, R

Libraries: Pandas, Scikit-learn, Seaborn, Matplotlib, Pytorch, TensorFlow

Software: Visual Studio, IntelliJ, Power BI, Excel, QGIS

System Administration: Linux/Unix Bash

Databases: SQL and NoSQL Databases (MongoDB)

LANGUAGES

Spanish (Native)

English ([Fluent], [C1])

French ([Intermediate], [B1])

German ([Intermediate], [B1])

Italian ([Basic], [A2])

MERITS AND CERTIFICATIONS

Cambridge C1 Advanced (Credential: C4909908ID)
Cambridge University Press & Assessment

Semi-finalist in the University Debate League
LEDU STEM Cátedras Telefónica 2022

Four years of German classes (B1 Level)
Escuela Oficial de Idiomas de Las Palmas (EOILP)

OTHER INFORMATION

Office Apps: Microsoft Office Suite

Work Methodologies: SCRUM

Hobbies and Interests: Languages, reading, travelling, economics, cars, sports, cooking

Driving License: B

More projects on: https://github.com/luis-guillen