

MIGUEL VÁZQUEZ

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WORK EXPERIENCE

oga <i>Data Scientist</i>	Seville, Spain June 2023 - Present
<ul style="list-style-type: none">• Spearheaded the implementation of cutting-edge generative AI models in custom applications, demonstrating strong initiative and innovation skills. Developed personalized virtual assistants using Retrieval Augmented Generation pipelines to leverage useful unstructured and structured data, showcasing ability to translate complex technical concepts into practical solutions.• Applied statistical analysis and machine learning techniques in a cross-functional team to diagnose equipment failures for Coca-Cola postmix dispensers. This data-driven approach resulted in a reduction in downtime across Spain and Portugal.• Effectively communicated complex technical findings to non-technical stakeholders, including executive management and clients, demonstrating excellent presentation and interpersonal skills.	
oga <i>Data Scientist Intern</i>	Seville, Spain November 2022 - June 2023
<ul style="list-style-type: none">• Conceptualized and executed AI-driven energy optimization models for industrial applications. Conducted in-depth analysis of consumption patterns and proposed innovative solutions, resulting in a 3% reduction in energy use.• Collaborated closely with senior data scientists and domain experts to ensure model accuracy and relevance, demonstrating strong teamwork and adaptability skills.	

EDUCATION

Universidad de Sevilla MSc in Logic, Computation and Artificial Intelligence <i>Best Academic Record 2023</i>	Seville, Spain September 2022 - July 2023
Bergische Universität Wuppertal BSc in Mathematics	Wuppertal, Germany September 2020 - July 2021
Universidad de Sevilla BSc in Mathematics	Seville, Spain September 2017 - July 2022

SKILLS

Data Science:	Supervised and Unsupervised Learning, NLP, Data Analysis & Visualization
AI Engineering:	LLMs, Transformers: Decoders, Encoders, Embeddings, Sentence Transformers Retrieval Augmented Generation, Semantic Search, LangChain, HuggingFace
ML Engineering:	PyTorch, TensorFlow, Microsoft Azure, Databases, Model Deployment Evaluation, Monitoring
Programming Languages:	Python, SQL, JavaScript, HTML, CSS
Languages:	Spanish (Native), English (Proficient), German (Beginner)

CERTIFICATES

Business Fundamentals Business for All 2024	Harvard Business Publishing September 2024
Azure Data Scientist Associate	Microsoft June 2024
Azure AI Engineer Associate	Microsoft February 2024
IBM Data Science Professional Certificate	IBM July 2022
Complete Machine Learning and Data Science: Zero to Mastery	Udemy September 2021