Wilber **Bermeo Quito**

DATA SCIENTIST · COMPUTER SCIENTIST

Girona, Spain

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"The best way to predict the future is to create it."

Profile

Passionate Data Scientist with over three years of experience in machine learning, data engineering, and computer vision. Proven expertise in developing and deploying AI models that drive data-driven insights and enhance decision-making processes. Adept at working in dynamic team environments, contributing to cutting-edge AI projects.

I am fluent in English, Spanish, and Catalan, and highly skilled in a variety of programming languages and tools. In my free time, I enjoy posting on my blog about personal projects and acquired knowledge, as well as participating in physical activities such as dancing and volleyball.

Education

University of Girona
Girona, Spain

MSc. in Data Science ⧉
Sep. 2023

- Advanced studies focused on statistical analysis, machine learning methods, and data-driven insights.

University of Girona
Girona, Spain

BEng. in Computer Science ⧉
Jun. 2022

- Achieved excellence in the final degree project by creating an open-source video game.

Work Experience

Citibeats
Barcelona, Spain

Data Scientist
Sep. 2023 - Mar. 2024

- Developed and deployed topic modeling pipelines with LLMs like BERT, improving topic relevance.
- Enhanced model explainability through clustering and model-based feature extraction.
- Conducted rapid experiments, thoroughly documenting processes for reproducibility.
- Developed private Python libraries and web-hook services, deploying models in private repositories.
- Provided technical support for legacy projects, improving model's metrics and bug fixes.

University of Girona
Girona, Spain

Associate Assistant Professor (Temporary Contract)
Feb. 2023 - Aug. 2023

- Oversaw lab sessions, instructing students in functional and logic programming.

Accenture SL
Girona, Spain

Computer Vision Research (Temporary Contract)
Dec. 2022 - Aug. 2023

- Developed and open-sourced a CAD platform using CNNs for melanoma detection image based.

Nexus Geographics
Girona, Spain

Data Engineer
Sep. 2021 - Sep. 2022

- Contributed to the development of a concurrent framework for data capture, increasing efficiency by 200%.
- Created and maintained API micro-services, ensuring data consistency across multiple SQL and NoSQL databases.
- Designed and developed interactive web applications to visualize on-demand and streaming data.
- Trained new team members on key technologies, reducing onboarding time by 30%.

NexTReT
Girona, Spain

Software Engineer
Abr. 2020 - Sep. 2021

- Designed and developed a wide range of Restful APIs.
- Built interactive web applications for healthcare, streamlining hospital operations and reducing manual entry by 150%.

Tech Skills

Workflow	Conda, Git, GitHub, Jupyter Notebook, Linux, Vim
Frameworks	Angular, FastAPI, Flask, Spring Boot, Svelte
MLOps / DevOps	Docker, GitHub Actions, MLflow, W&B
ML & Data Tools	Hugging Face, Kafka, Pandas, PyTorch, Scikit-Learn, SQL
Cloud Computing	Amazon Web Services (AWS), Google Colab
Programming Languages	C++, Java, JS, Python, Shell Scripting, Scala, R

Other Skills

Languages	English (C1), Spanish (Native), Catalan (Bilingual)
Driver's License	B

Certificates

2023 **Prevention & Emergency Management**, Co-funded by the Erasmus+ Programme of the European Union

2022 **Spark and Python for Big Data with PySpark**, Udemy

2022 **Advanced Machine Learning**, Kaggle

2022 **Advanced SQL**, Kaggle

2021 **Advanced Functional Programming (FP)**, University of Helsinki

References

Prof. Dr. Mateu Villaret ⬈
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Prof. Dr. Gustavo Patow ⬈
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