Wilber **Quito**

DATA SCIENTIST · SOFTWARE ENGINEER

Girona, Spain

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

About

I take genuine pleasure in providing **intelligent solutions**, whether through general **AI** or **data-driven** approaches with **machine learning**. My expertise lies in **natural language processing** and **computer vision**.

I consider myself a nerdy individual, finding amusement in many open source projects. Many of these open project were integrated on my working flow. I am also interested on developing personal projects independently. Additionally, I am passionate about sports, lately in volleyball and dancing.

Education

M.S. in Data Science ⚲
UNIVERSITY OF GIRONA

Girona, Spain
Sep. 2022 - Sep. 2023

- Studies focused on advanced skills in analyzing and deriving insights from data using statistical and machine learning methods.

B.S. in Computer Engineering ⚲
UNIVERSITY OF GIRONA

Girona, Spain
Sep 2017 - Jun. 2022

- Engineering degree recognized for its excellence by the Catalan Agency for Universities.

- I take pride in my accomplishment of attaining excellence in the degree's thesis, which entailed the creation of an open-source video game.

Experience

Data Scientist
CITIBEATS

Barcelona, Spain
Sep. 2023

- Conducted topic modeling pipelines, anomaly detection with explainability to comprehend phenomena within time series, and clustering solutions for the identification of relevant groups.

- Created private libraries, services images, micro-services to interact with the models, and model deployment.

- Provided technical support for previous company projects, fixing bugs, adding features, and re-fitting models.

- I was in charge of defining the working framework in the Data Science team, i.e., defining the tools for research and for development.

- Documented research, models metrics, and implemented solutions for reproducibility.

Associate Professor
UNIVERSITY OF GIRONA

Girona, Spain
Feb. 2023 - Aug. 2023

- Associated Professor in the Department of IT, Applied Mathematics, and Statistics. My responsibilities included overseeing lab sessions and instructing students in functional and logic programming.

- Established a knowledge-sharing repository for students.

- Developed a delivery project centered on fractals.

Computer Vision Research (Intern)
ACCENTURE

Girona, Spain
Dec. 2022 - Sep. 2023

- Melanoma detection using CNNs for my master thesis.

- Created and open source CAD platform using Docker technology.

Data Engineer

NEXUS GEOGRAPHICS

Girona, Spain
Sep. 2021 - Sep. 2022

- Significantly contributed to the development of a concurrent framework designed to capture, map, and store data from diverse sources.

- Created and manteined API micro-services to injest and serve data.

- Ensured data consistency across multiple databases.

- Designed and developed interactive web applications to visualize on-demand and streaming data.

- Provided training to new team members on the primary technologies utilized in the projects and offered problem-solving support.

Software Engineer

SUNSET TECHNOLOGIES

Girona, Spain
Abr. 2020 - Sep. 2021

- Designed and developed a wide range of Restful APIs.

- Created interactive web applications for the healthcare sector, taking responsibility for building modules including authentication, hospital bed administration, external hospital services, and more.

Skills

MLOps / DevOps	MLFlow, W&B, Docker, GitHub Actions, and Git.
ML & Data Tools	PyTorch, Scikit-Learn, Hugging Face, Pandas, Jupyter, SQL, Kafka, and more.
Programming Languages	Python, R, Haskell, Scala, Java, JS, TS, and more.
Workflow	Fedora Linux, TMUX, Neovim, and more.
Frameworks	FastAPI, Flask, Spring Boot, Svelte, Angular, and more.
Cloud	AWS, GitHub, GitLab, and Google Colab.

Languages

Spanish	Native Speaker
Catalan	C2
English	B2

Relevant Online Courses

Udemy	Spark and Python for Big Data with PySpark
Kaggle	Python, Intermediate Machine Learning, Advanced SQL
University of Helsinki	Intermediate Funtional Programming, Advanced Functional Programming

References

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