



# 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.

### Deep Learning Engineer

ACCENTURE

Girona, Spain

Dec. 2022 - Sep. 2023

- Researched 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 maintained API micro-services to ingest 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

Jun. 2019 - 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** C1

**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 Functional Programming, Advanced Functional Programming

## References

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