



# Wilber B. Quito

DATA SCIENTIST · COMPUTER SCIENTIST

Girona, Spain

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

## About

I am a nerdy individual that takes genuine pleasure in providing intelligent solutions, whether through general **Artificial Intelligence** or **data-driven** approaches with **Machine Learning** and/or **Statistics**. My expertise lies in **Natural Language** and **Computer Vision**.

My hobbies are extensive, but I can share with you that in my free time, I am interested in developing personal projects, reading research papers, and engaging in physical sports as much as I can. Recently, I've been enjoying volleyball and dancing.

## Education

### MSc. 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.

### BEng. in Computer Science

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 final degree project, which entailed the creation of an open-source video game.

## Experience

### Data Scientist

Citibeats

BARCELONA, SPAIN

SEP. 2023 - MAR. 2024

- Conducted topic modeling pipelines, anomaly detection events with explainability to comprehend phenomena within time series, and clustering solutions for the identification of relevant groups.
- Created private Python libraries, web-hook services, and deployed trained models in private registers.
- Provided technical support for previous company projects, i.e., fixing bugs, adding features, and re-fitting models.
- Researched and implemented fast experiments, documenting the process for reproducibility and its results.
- I was in charge of defining the working framework in the Data Science team, i.e., defining the tools for research, development and deployment.

### Associate Assistant Professor

University of Girona, Department of Computer Science (IMAE)

GIRONA, SPAIN

FEB. 2023 - AUG. 2023

- My responsibilities included overseeing lab sessions in order to instruct students in functional and logic programming, correct lab projects, and supervise exams.
- Established a knowledge-sharing repository for students, which nowadays is being maintained as forked project.

### Computer Vision Research (Intern)

Accenture SL

GIRONA, SPAIN

DEC. 2022 - AUG. 2023

- Created and open source CAD platform for detecting Melanoma based on Convolutional Neural Networks.

### 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

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

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**ML & Data Tools** PyTorch, Scikit-Learn, Hugging Face, Pandas, SQL, Kafka, and more.

**MLOps / DevOps** MLFlow, W&B, Docker, GitHub Actions, and Git.

**Frameworks** FastAPI, Flask, Spring Boot, Svelte, Angular, and more.

**Languages** Python, R, Haskell, Scala, Java, JS, C++, and more.

**Workflow** Jupyter Notebook, Neovim, Linux, GitHub and GitLab.

**Cloud** AWS and Google Colab.

## Languages

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**English** C1 not certified

**Catalan** Bilingual

**Spanish** Native Speaker

## Relevant Online Courses

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**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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