



Wilber Quito

COMPUTER ENGINEER · DATA SCIENTIST

Girona, Spain

☎ (+34) 698-40-53-59 | ✉ typingwil@gmail.com | 🏠 wilberquito.github.io | 📷 wilberquito | 🌐 wilberquito

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

About

I am a Data Scientist with a background in Computer Science. 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 how open source projects can be leveraged to offer comprehensive solutions. In my free time, I engage in the development of personal projects independently. Additionally, I am passionate about sports, particularly 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** using sentence **transformers**.
- **Support** and **maintenance** of the company **models pipeline** and **models re-fitting**.
- Implemented **clustering solutions** for the identification of relevant groups.
- **Model evaluation** through comprehensive **metric analysis** and **reports** to ensuring performance.
- Contributed in **research** and **development** of Python **packages** and **Docker image** for efficient integration.
- Applied **anomaly detection** techniques to enhance the understanding of **time series** data.
- **Model deployment** on platforms such as **AWS** and **MLflow**.

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**.

Deep Learning Engineer (Intern)

ACCENTURE

Girona, Spain

Dec. 2022 - Sep. 2023

- Trained **vision models** for **classifying** melanoma.
- Developed **deployable mechanism** based on Docker containers for deliver a CAD (Computer Aided Diagnosis) infrastructure.

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.
- Established **automated CI/CD pipelines** on GitHub Actions and Jenkins to deploy containerized applications using Docker.
- **Created API microservices** in Python and Java, utilizing Kafka to efficiently capture and publish data from multiple systems.
- Ensured **data consistency** across multiple **databases** such as; including MongoDB, PostgreSQL and, SQLServer.
- Designed and developed **interactive** Angular **applications** to visualize **on-demand and streaming data** on maps.
- 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 API** micro-services running on technologies such as; Python, Go, and Java.
- Created **interactive** Angular **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

Amazon Web Services 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

PROF. DR. GUSTAVO PATOW
PROFESSOR AT UNIVERSITY OF GIRONA
GUSTAVO.PATOW@UDG.EDU

PROF. DR. MATEU VILLARET
PROFESSOR AT UNIVERSITY OF GIRONA
MATEU.VILLARET@UDG.EDU

QUIM DALMAU
TECH LEAD AT CITIBEATS
JDALMAUT@GMAIL.COM