

Wilber Quito

COMPUTER SCIENTIST · DATA SPECIALIST

Girona, 17190, Spain

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“The best way to predict the future is to create it.”

Summary

Computer Scientist with over two years of experience, I specialize in data development, data analysis, and infrastructure automation. I'm highly skilled at problem-solving and enjoy finding innovative solutions for challenging tasks. With a passion for learning, I am constantly seeking to expand my knowledge and expertise in new technologies and tools. Additionally, I love teaching, which has driven me to delve deeper into complex issues to better explain them and collaborate with teams.

Education

M.S. in Data Science

UNIVERSITY OF GIRONA

Girona, Spain

Sep. 2023

B.S. in Computer Science and Engineering

UNIVERSITY OF GIRONA

Girona, Spain

Jun. 2022

- I hold a degree in Computer Science from the University of Girona, which has been recognized for its excellence by the Catalan Agency for Universities.
- I am proud to have achieved excellence in the **degree thesis**, which involved developing an open-source video game project.

Skills

DevOps Docker, GitHub Actions, Git

M.L & Data Tools SQL, Kafka, Pandas, Jupyter, Scikit-Learn, PyTorch, W&B and others.

Programming Python, R, Haskell, Scala, Java, JS, TS and others.

Workflow Fedora Linux, TMUX, Neovim and others.

Languages English, Spanish and Catalan

Experience

University of Girona

ASSOCIATE PROFESSOR

Girona, Spain

Feb. 2023 - Ago. 2023

- Associated Professor in the Department of IT, Applied Mathematics, and Statistics. My responsibilities included overseeing lab sessions and instructing students in programming languages like Haskell and Prolog.

Accenture

DEEP LEARNING ENGINEER (INTERN)

Girona, Spain

Dec. 2022 - Sep. 2023

- Developed the **master thesis** focused on melanoma detection using deep learning and PyTorch as the primary framework.
- Established a CAD infrastructure based on microservices to deploy the trained models.
- Implemented an easily deployable mechanism for installing the infrastructure, utilizing containers for the deployment of models and the CAD infrastructure.

Nexus Geographics

DATA ENGINEER

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 and maintenance across multiple databases with different technologies, including MongoDB and Postgres.
- 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, even for more experienced team members.

- Designed and developed a wide range of RESTful API microservices using technologies like 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.

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