Wilber **Quito**

Computer Scientist · Data Specialist

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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   *Girona, Spain*

University of Girona   *Sep. 2023*

B.S. in Computer Science and Engineering   *Girona, Spain*

University of Girona   *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	Proficient in Docker, GitHub Actions, and Git.
M.L & Data Tools	Experienced in SQL, Kafka, Pandas, Jupyter, Scikit-Learn, PyTorch, W&B and more.
Programming	Skilled in Python, R, Haskell, Scala, Java, JS, TS and other languages.
Workflow	Excited to work with Fedora Linux, TMUX, Neovim and additional tools.
Languages	Fluent in English, Spanish, and Catalan.

Experience

University of Girona   *Girona, Spain*

Associate Professor   *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   *Girona, Spain*

Deep Learning Engineer (Intern)   *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   *Girona, Spain*

Data Engineer   *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.

SUNSET Technologies   *Girona, Spain*

Sᴏғᴛᴡᴀʀᴇ Eɴɢɪɴᴇᴇʀ (Iɴᴛᴇʀɴ)   *Jun. 2019 - Sep. 2021*

- 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 Funtional Programming, Advanced Functional Programming