

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

Summary

As a 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 (POLYTECHNIC UNIVERSITY OF SCIENCE AND TECHNOLOGY)

Girona, Spain

May. 2023 (Expected)

B.S. in Computer Science and Engineering

UNIVERSITY OF GIRONA (POLYTECHNIC UNIVERSITY OF SCIENCE AND TECHNOLOGY)

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 my degree thesis, which involved developing an open-source video game project in Unity. This project incorporated artificial intelligence through behavior trees and was completed and deployed with great success. Erlang Legacy.

Skills

DevOps Docker, GitHub Actions, Git

M.L & Data Tools SQL, Kafka, Pandas, Jupyter, Scikit-Learn, Pytorch, Weights and Biases

Programming Python, R, Haskell, JAVA, Scala, JS, TS

Languages English, Spanish, Catalan

Experience

University of Girona

ASSOCIATE PROFESSOR

Girona, Spain

Oct. 2022 - Present

- I hold the position of Associate Professor Type 2 in the Department of IT, Applied Mathematics and Statistics, with an area of expertise in Languages and Computer Systems. I have experience teaching Functional Programming and Logic Programming. I have expertise in programming languages such as Haskell and Prolog.

Accenture

DEEP LEARNING ENGINEER (INTERN)

Girona, Spain

Dec. 2022 - Present

- I specialized in training computer vision models using PyTorch and implemented advanced techniques such as convolutional neural networks to achieve exceptional results. I fine-tuned pre-trained models and optimized my approach to model development, resulting in enhanced accuracy and efficiency for some problems.

Nexus Geographics

DATA ENGINEER

Girona, Spain

Sep. 2021 - Sep. 2022

- I was an essential contributor to the creation of a concurrent framework capable of capturing, mapping, and saving data from different sources.
- I built fully automated CI/CD pipelines on GitHub Actions and Jenkins for containerized applications using Docker.
- I implemented several API microservices in Python and Java using Kafka to capture and publish data from multiple systems.
- I was responsible for the maintenance and consistency of data stored across multiple databases with different technologies, including MongoDB, and Postgres.
- I developed interactive Angular applications to display on-demand and streaming data on maps.
- I trained new team members on the main technologies used in the projects and provided support in problem-solving, even for more experienced team members.

SUNSET Technologies

SOFTWARE ENGINEER (INTERN)

Girona, Spain

Jun. 2019 - Sep. 2021

- I built a large variety of RESTful API micro-services with technologies such as Python, Go, Java.
- I built interactive Angular applications to health sector. I was in charge of built modules as such authentication, handle hospital beds administration, external hospital services, and so on.

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