

Diego González Liarte

Software Developer

Location Spain, Lleida

Email diegogliarte@gmail.com

Phone +34 635 30 09 22

LinkedIn diegogliarte

GitHub diegogliarte

About me

CS student with almost **2 years of professional experience** as a software developer. Always in the process of improving

Experience

Oct 2021 - March 2023,

Software Developer, *Perspectiv*

- Designed, implemented and deployed new modules for a pipeline of an existing application that connected to multiple RTSP cameras and used **machine learning** and **computer vision** to detect infractions committed by factory workers, with the usage of **Python**, **OpenCV** and **AWS**
 - Created multiple **microservices** from an existing monolith using **Python**, **Redis**, **FastAPI** and **Docker**
 - Automated deployments by using **CI/CD** pipeline with **GitHub Actions**
 - Undertook the role of a **QA** by creating unit and integration tests for a whole project consisting in +20k lines using **pytest**, as well as adding **documentation** and **monitoring** of various metrics
-

Education and Certifications

2019 - 2024

Double Bachelor's degree: **Computer Engineering and Business Administration and Management**, *Universitat de Lleida*

AI-900, SC-900, DP-900 issued by *Microsoft*

Google IT Automation Professional Certificate, issued by *Coursera*

Google IT Support Professional Certificate, issued by *Coursera*

Google Data Analytics, issued by *Coursera*

First Certificate (B2), issued by *Cambridge*

Skills

Python, JavaScript, bash, Java, SQL, C/C++
HTML, CSS, MongoDB, Express, React, Node

OpenCV, numpy, Flask, FastAPI
Unix, Git, GitHub, Docker, AWS

Projects

Sorting Visualizer Using **Python** and ANSI escape codes, implemented the most famous sort algorithms and visualized them on the terminal

Sudoku Recognizer Using **Python**, **OpenCV** and **ML**, recognized a sudoku board using a camera/webcam and solved it by using a backtracking algorithm

Various Minigames Using **JS** and **p5js**, created various minigames such as snake, Tic Tac Toe, checkers, or Conway's Game of Life