




## Contact information

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 [sergio-rodero](#)

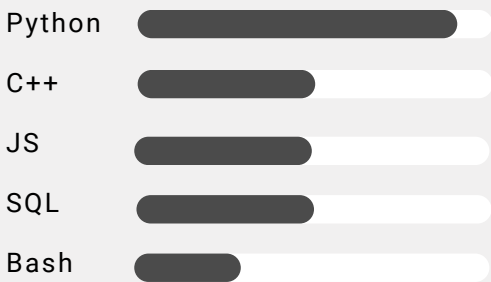
## Professional Summary

Automation and Software Engineer with hands-on experience in QA automation, NLP, and backend development. Proven ability to optimize testing pipelines, design intelligent automation systems, and work with cross-functional teams. Strong background in Python and AI frameworks. Passionate about artificial intelligence and continuous process improvement.

## Languages

- Spanish: Native
- English: Upper-Intermediate

## Code



## Technical Skills

TensorFlow

Keras

OpenCv

PyTorch

LangChain

MongoDB

Pandas

SQL

Docker

Git

Linux

ROS

Flask

BeautifulSoup

Selenium

Playwright

# Sergio Rodero

Robotics and Automation engineer

## Education

**MSc in Software Engineering and Artificial Intelligence.**

*University of Malaga*

- Final project: Image inpainting for human face photographs by Deep CNN.

**BSc in Electronic, Robotic and Mechatronic Engineering**

*University of Malaga*

- Final project: Mobile assistance robot for monitoring board games.

## Certifications & Courses

- Lean Six Sigma Green Belt – Verisk
- IT Automation with Python – Google
- Accelerate your Leadership – Verisk
- V University Extension Course of Introduction to Python oriented to Solving Optimization Problems in Engineering – UMA
- Deep Learning. Introduction – FGUMA
- I Course of applied Artificial Intelligence – UMA
- Cybersecurity Professional – Google - In progress

## Work Experience

**Senior Analyst**

*Verisk* - Mar 2025 – Present

- Leading automation and QA strategy improvements for large-scale software systems.

**QA Analyst II**

*Verisk* - Jan 2023 – Mar 2025

- Execution of quality tests in the UAT environment.
- Automation of tasks and improvement of project processes.
- Recognized with two “Verisk Way to Go” awards for reducing overall task execution time by 73%.

**Software Engineer**

*BeSoccer* - Feb 2022 – Dec 2022

- Developed Python-based NLP tools using SpaCy, NLTK, and regular expressions for data extraction.
- Built scalable scraping pipelines with Selenium and BeautifulSoup.
- Designed and optimized queries in SQL and MongoDB databases.

**Test engineer**

*Dekra Testing & Certification* - Aug 2020 – Feb 2022

- Executed validation tests on technologies including Bluetooth, NFC, GSM, LTE, 5G NSA & DSS.
- Developed test automation scripts, increasing reliability and reducing manual effort.
- Utilized trace tools in both simulated and real network environments.