



LUCAS GARCÍA GARCÍA

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ABOUT ME

Data Scientist and Engineer focused on building reliable machine learning systems and data-driven applications. Developed SpectralApp, a functional spectral data analysis platform in collaboration with the Spectroscopy Department at Universidad Carlos III de Madrid. Interested in applied AI, robust ML pipelines, and transforming research into practical tools.

Selected projects and technical demonstrations are available in my portfolio at lucasgarcia.eu.

EDUCATION

[09/2020 – 10/2025]

BSc in Data Science and Engineering — Universidad Carlos III de Madrid

Final Year Project: SpectralApp — functional spectral data analysis platform fully developed for the Spectroscopy Department under Prof. Aldo Luis Moreno Oyervides.

Medical AI project with Hospital Gregorio Marañón on renal ultrasound classification.

[09/2023 – 08/2024]

Erasmus Programme — Artificial Intelligence & Data Analysis — KU Leuven

Master-level coursework in AI and Data Analysis. KU Leuven ranks among the top universities in Europe and worldwide.

RESEARCH EXPERIENCE

[09/2025 – 11/2025]

Research Collaboration — Spectroscopy Department, Universidad Carlos III de Madrid

Worked on the continued development of SpectralApp for research applications in spectral data analysis with Prof. Aldo Luis Moreno Oyervides, from the Spectroscopy Department.

PROFESSIONAL EXPERIENCE

[10/2024 – 06/2025]

Engineering Intern — Digital Transformation, Renault España Comercial S.A.

Fully developed a web-based analytics platform for logistics KPIs. Built predictive forecasting models and data dashboards for operational teams.

SKILLS

Core

Python / C / Java / SQL / Node.js

AI/Tools

Git / Docker / Azure / keras / Pandas / TensorFlow / Pytorch / LangChain / Plotly / Numpy

CERTIFICATIONS

[TOEFL, 02/2026]

C1 ENGLISH TOEFL IBT 110/120 | 5.5/6