

## Contactar

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github.com/Enriquedlrn16  
(Personal)

## Aptitudes principales

Data Science

Statistics

Economic Modeling

## Certifications

Machine Learning Specialization

NEMHESYS online training course  
on Next Generation Sequencing  
"NGS Master Class"

MLOps Fundamentals - Azure demo

AI Engineer Core Track – LLM  
Engineering, RAG, QLoRA, Agents

Unsupervised Learning,  
Recommenders, Reinforcement  
Learning

## Honors-Awards

Matrícula de Honor de Bachillerato  
en el curso académico 2014-2016.

Beca del Programa de Excelencia  
Académica para el inicio de los  
estudios de Máster. Centro:  
Universidad de Salamanca. Curso  
Académico: 2020- 2021.

Seleccionado en el Ranking  
Nacional de Biología 2020 de la  
Sociedad Española de Excelencia  
Académica (SEDEA).

Beca JAE Intro ICU  
#JAECONEXIONES CÁNCER.  
Curso Académico: 2022.

Premio Extraordinario del Máster en  
Biología y Clínica del Cáncer. Mejor  
expediente promoción 2020-2021.  
Calificación: 9,78.

## Publications

# Enrique de la Rosa Morón

Data Scientist | R/Python Developer | Bioinformatics | AI, ML  
Salamanca, Castilla y León, España

## Extracto

-Github Profile: <https://github.com/Enriquedlrn16>

-Publications:

1. Rosa, E.D.L.; Alonso-Moreda, N.; Berral-González, A.; Sánchez-Luis, E.; González-Velasco, O.; Sánchez-Santos, J.M.; Rivas, J.D.L. Novel Assignment of Gene Markers to Hematological and Immune Cells Based on Single-Cell Transcriptomics. Int. J. Mol. Sci. 2025, 26, 805. <https://doi.org/10.3390/ijms26020805>

2. Alonso-Moreda, N.; Berral-González, A.; De La Rosa, E.; González-Velasco, O.; Sánchez-Santos, J.M.; De Las Rivas, J. Comparative Analysis of Cell Mixtures Deconvolution and Gene Signatures Generated for Blood, Immune and Cancer Cells. Int. J. Mol. Sci. 2023, 24, 10765. <https://doi.org/10.3390/ijms241310765>

3. González-Velasco, Ó., Sanchez-Luis, E., De La Rosa, E., Sánchez-Santos, J.M., & De Las Rivas, J. (2022). A single-cell clusters similarity measure for different batches, datasets, and samples. bioRxiv. <https://doi.org/10.1101/2022.03.14.483731>

-International Talks:

1. EVENT TITLE: Workshop of RiaBio Ibero-American Network on Artificial Intelligence applied to BioData

ORGANIZING ENTITY: Red Iberoamericana de Inteligencia Artificial para Big Biodata (RiaBio)

LPLACE AND DATE: Salamanca – España (Hybrid Workshop), 18 y 19 de noviembre de 2021

TITLE: Using current bioinformatics tools to analyse single-cell transcriptomic data

2. EVENT TITLE: ISCB-Latin America SolBio BioNetMX Conference on Bioinformatics 2022

ORGANIZING ENTITY: Red Mexicana Bioinformática (Bioinformatics Network Mexico, BioNetMX), Red Iberoamericana

A single-cell clusters similarity measure for different batches, datasets, and samples

Novel Assignment of Gene Markers to Hematological and Immune Cells Based on Single-Cell Transcriptomics

Comparative Analysis of Cell Mixtures Deconvolution and Gene Signatures Generated for Blood, Immune and Cancer Cells

de Inteligencia Artificial para Big Biodata (the Iberoamerican Society of Bioinformatics, SolBio) y la Sociedad Internacional de Biología Computacional (the International Society for Computational Biology, ISCB)

PLACE AND DATE: Querétaro - México, 3-7 de noviembre de 2022

TITLE: Assignment of gene cell markers to hematological and immune cell-types based on single-cell proteo-transcriptomic data using machine learning approaches

3. EVENT TITLE: 2nd ANUAL CONGRESS CONEXIÓN CÁNCER CSIC.

ORGANIZING ENTITY: CSIC (Centro Superior de Investigaciones Científicas).

PLACE AND DATE: Benidorm (23-25 de Enero de 2023)

TITLE: Finding new gene cell markers for specific hematologic and immune cell types based on single cell proteo-transcriptomic analysis

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## Experiencia

NTT DATA Europe & Latam

Data Scientist

enero de 2026 - Present (1 mes)

Spain

Hopla! Software

R/Python Developer (Data Scientist)

abril de 2025 - diciembre de 2025 (9 meses)

Spain

Development, Maintenance and Monitoring of Credit Risk Models (R & Python)

- End-to-end development, implementation, and ongoing monitoring of credit risk models (PD, LGD, EAD and Scoring) for a leading Spanish banking institution.
- Data preparation, cleansing, and feature engineering from multiple internal data sources to support model development, calibration, and production launches.
- Design and automation of data pipelines in R and Python to ensure consistent model inputs, reproducibility, and regulatory compliance.
- Application of statistical and machine learning techniques for risk estimation, segmentation, and predictive performance improvement.

- Model performance tracking, stability analysis, and recalibration to ensure compliance with internal standards and regulatory requirements (e.g., backtesting, monitoring metrics).
- Preparation of technical documentation and model reports, ensuring traceability, interpretability, and audit readiness throughout the model lifecycle.
- Collaboration with risk, validation, and business teams to support model deployments and methodological enhancements.

## Dreamgenics

### Bioinformatics Scientist

febrero de 2024 - marzo de 2025 (1 año 2 meses)

Oviedo, Principality of Asturias, Spain

- Single cell RNA-seq
- Spatial Transcriptomics
- RNA-seq
- Multiomics Data Integration
- miRNA-seq
- Proteomics
- Metabolomics
- Phosphoproteomics

### Technologic Stack:

R, Python, Docker, Bash, Git, ML, AI.

## CSIC

### Investigador Bioinformático

enero de 2023 - febrero de 2024 (1 año 2 meses)

Salamanca, Castilla y León, España

BECA PREDOCTORAL JCYL

## Centro de Investigación del Cáncer (IBMCC-FICUS)

### Investigador Bioinformático

agosto de 2022 - diciembre de 2022 (5 meses)

Salamanca, Castilla y León, España

## CSIC

### Investigador Bioinformático

febrero de 2022 - julio de 2022 (6 meses)

Salamanca, Castilla y León, España

Centro de Investigación del Cáncer (IBMCC-FICUS)  
Investigador Bioinformático  
febrero de 2021 - diciembre de 2021 (11 meses)  
Salamanca, Castilla y León, España

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## Educación

### Next International Business School

Master's degree, Big Data and Business Intelligence · (febrero de 2024 - febrero de 2025)

### Universidad de Salamanca

Máster Biología y Clínica del Cáncer, Biomatemática, bioinformática y biología computacional · (2020 - 2021)

### Universidad de Sevilla

Grado Biomedicina Básica y Experimental, Biomatemática, bioinformática y biología computacional · (2016 - 2020)