

Rubén Encinas Moreno

Data Engineer | B.S. in Bioengineering

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Professional Summary

Certified Data Engineer with AWS and IBM credentials, experienced in ETL pipelines, SQL databases, and data warehouse design. Bioengineering graduate focused on building scalable cloud data solutions and enabling data driven insights.

Certifications and Courses

AWS Certified Data Engineer – Associate, *Amazon Web Services* | 2025

Validated expertise in building and maintaining secure, scalable data pipelines on AWS. Experienced with services such as Amazon S3, Glue, Redshift, Lambda, Kinesis, and IAM for data ingestion, transformation, and analytics. Skilled in automation, data modeling, and cost-efficient architecture design.

IBM Data Engineering Professional Certificate, *Coursera* | 2025

Hands-on training in database design, ETL pipelines, and data warehousing with MySQL, PostgreSQL, Db2, MongoDB, Cassandra, Airflow, Kafka, Spark, and Hadoop.

Data-Driven Analysis Course, *Universidad Autónoma de Baja California* | 2024

Studied the fundamentals of data analysis, statistics, and probability, focusing on visualization and interpretation for informed decision-making.

Professional Experience

Freelance AI Contributor

Outlier / Remote / Nov 2024 – Present

- Evaluated large language model (LLM) outputs and developed domain-specific educational data.
- Ensured factual accuracy and quality through analytical review and feedback.

Production Assistant

Quinta Monasterio / El Porvenir, B.C., Mexico / Aug 2024 – Dec 2024

- Monitored fermentation parameters and operated production equipment.
- Maintained safety and quality standards in a high-demand environment.

Intern

University of California San Diego / La Jolla, CA, USA / Aug 2023 – Dec 2023

Project: *Blood Storage Under Anaerobic Conditions*

- Operated anaerobic storage systems and blood gas analyzers for biomedical data collection.
- Analyzed and documented quantitative results for technical reports.
- Modeled laboratory components using 3D Builder to support experimental systems.

Education

B.S. in Bioengineering (Honorable Mention)

Universidad Autónoma de Baja California | 2024

Academic foundation in bioinformatics, statistics, data analysis, and digital signal processing, with additional coursework in programming, electronics, and biotechnology.

Technical and Professional Skills

- **Programming:** Python (Pandas), SQL
- **Databases:** MySQL, PostgreSQL, IBM Db2
- **Cloud & Infrastructure:** AWS (S3, Glue, Redshift, Lambda, Kinesis, IAM, Athena), Docker
- **Visualization:** Amazon QuickSight, Google Looker, IBM Cognos
- **Version Control:** Git
- **Familiar with:** MongoDB, Cassandra, Airflow, Kafka, Spark, Hadoop
- **Core Competencies:** Analytical thinking, ETL pipeline development, data modeling, documentation, adaptability, teamwork, and communication in technical environments

Languages

- Spanish – Native
- English – B2 (TOEFL iBT)