JORGE MERA HERMIDA

Computer Engineering Student | Data Engineering | Software Development

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PROFESSIONAL PROFILE

Computer Engineering student in the Software branch at Universidade da Coruña, with international academic experience at FHNW, Basel, through the Erasmus+ programme. Profile focused on Data Engineering, with interest in SQL, Python, relational modelling, ETL processes, data cleaning and data transformation. Responsible, organised and adaptable, with strong English communication skills, fast learning ability and experience in international environments.

EXPERIENCE

Indra - IT Support internship

Nov. 2026 - Present

Mayerfeld Consulting - Professional internship in technology / data consulting

Jun. 2026 - Jul. 2026

• One-month internship in a professional consulting environment, applying knowledge of programming, SQL and information processing.

• Supported technical tasks with a focus on quality, documentation, task tracking and learning internal processes.

• Developed professional habits: clear communication, responsibility, goal-oriented work and adaptation to real teams.

SELECTED PROJECTS

Swiss Rent & Cost of Living Analyzer - Data Engineering / ETL

• Built an end-to-end pipeline to analyse the Swiss housing market: cleaned 1,000+ listings with Python/Pandas, loaded data into SQLite and wrote SQL aggregation queries.

• Created a geographic Tableau dashboard to visualise rental prices and cost of living by location.

F1 Telemetry & Strategy Analyzer - Data pipeline and analytics

• Extracted and transformed Formula 1 telemetry data using Python, FastF1/Ergast, Pandas and NumPy.

• Prepared data for Tableau and analysed race pace, tyre degradation, delta time and speed comparisons.

UDC academic projects - databases, software design and systems

• Academic work with relational databases, SQL and E-R modelling; software solution design using Java, design patterns, SOLID principles, JUnit 5 and UML.

• Systems and algorithms practice with C, Unix Shell, data structures and efficiency analysis.

EDUCATION

B.Sc. in Computer Engineering - Software Branch | Universidade da Coruña (UDC)

2022 - Present

Coursework in software development, application architecture, relational databases, E-R modelling, data structures, algorithms, design patterns and systems fundamentals.

Erasmus+ International Programme | Fachhochschule Nordwestschweiz (FHNW), Basel

Feb. 2026 - Jul. 2026

International academic experience in English, collaboration with students from different countries and adaptation to a multicultural environment.

TECHNICAL SKILLS

Data: SQL, Oracle/MySQL, SQLite, Python, Pandas, NumPy, ETL, data cleaning and transformation, relational modelling, entity-relationship modelling, Tableau, Excel and Google Sheets.

Development: Java, C, OCaml, Git, data structures, algorithms, design patterns, SOLID principles, JUnit 5, Maven and object-oriented programming.

Systems and tools: Unix Shell, networking fundamentals, technical documentation, repositories and version control.

LANGUAGES AND ADDITIONAL TRAINING

Spanish: native | Galician: native | English: C1/C2 - full professional proficiency. Certifications: British Council C1, UDC Centro de Linguas C2.1 and Cambridge B1/B2.

Introduction to Data Science - Santander Open Academy, 2026. Fundamentals of data analysis, statistical concepts and data-driven decision making.

School exchange - Finland, 2020. International exchange with LEGO Mindstorms activities, including line-following robots and shared challenges with students from other schools.

SOFT SKILLS

Responsibility, punctuality, clear communication, fast learning, organisation, teamwork, attention to detail and adaptation to new environments.