

LAURA GALERA

Data Engineer specialized in building cloud-based data systems

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Girona, Spain

lauragalera



PROFESSIONAL EXPERIENCE

Data Engineer

Edpuzzle

Nov 2023 – Ongoing

Barcelona, SPAIN

- Developed data ingestion pipelines to bring data from Salesforce, Mixpanel, Hubspot, and MongoDB into the data lake using **AWS Glue, AppFlow, Lambdas**
- Developed **PySpark** scripts to transform and load data into **Redshift**, designing schemas and automating recurring **SQL-based** tasks
- Built data ingestion pipelines from **social media platforms** to create knowledge bases for **LLM models** and AI-powered applications
- Migrated our Data System to **Infrastructure as Code (IaC)**

INTERNATIONAL EXPERIENCE

Machine Learning Researcher

Spotify

Feb 2023 – June 2023

Stockholm, SWEDEN

- Conducted research in **Explainable Artificial Intelligence** based on interpretable ranking generalized additive models
- Explored techniques for adapting **Local Interpretable Model-agnostic Explanations** to ranking problems

Exchange Student - Thesis

University of California, Irvine

Feb 2022 – July 2022

California, USA

- Conducted research at the Institute for Genomics and Bioinformatics
- Created an **ensemble model** for polyp detection in colonoscopy images

PUBLICATIONS

Local Interpretable Model-Agnostic Explanations for Neural Ranking Models (2024)

Co-Author | Swedish Artificial Intelligence Society. DOI: 10.3384/ecp208017

LANGUAGES

Catalan
Spanish
English



EDUCATION

M.S. in Artificial Intelligence

Stockholm University

Aug 2022 – June 2023

Grade: 9.15/10

B.S. in Computer Science

University of Girona

Sep 2018 – June 2022

Grade: 9.37/10 (top 1%)

CERTIFICATIONS



C1 Advanced in English

University of Cambridge



AWS Certified Data Engineer - Associate

Amazon



AWS Certified ML Engineer - Associate

Amazon



AWS Certified Developer - Associate

Amazon



AWS Certified Solutions Architect - Associate

Amazon

HONORS & AWARDS



Best Thesis in Informatics

Patronat UdG | 2023



Bachelor's Degree Extraordinary Award

University of Girona | 2023



Josep Maria Ginés i Pous Award

Patronat UdG | 2022



Balsells Mobility Award

Balsells Fellowship | 2022

TECHNICAL SKILLS

Python

JavaScript

Spark

SQL

AWS

Linux

Docker

TensorFlow

Distributed Systems