

# 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

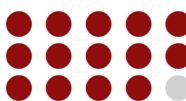
- Conducted research at the Institute for Genomics and Bioinformatics
- Created an ensemble model for polyp detection in colonoscopy images

## 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