

# ANA ESCOBAR LLAMAZARES



Passionate Software Engineer currently working as a Data Engineer at Galeo Tech, S.L. Interested in Big Data and Real Time Systems. Excellent at juggling multiple tasks and with experience working under agile methodologies around Data projects. Looking forward to boost my career and grow technically as an engineer.

## CONTACT

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📄 Ana Escobar Llamazares  
📱 Medium profile

## SKILLS

### Programming Languages

Python Java C# SQL NoSQL R

### Operating Systems

Linux Windows

### Databases

MongoDB PostgreSQL MySQL  
MS SQL Server Neo4j Redis

### Software & Tools

MS Azure Amazon Web Services (AWS)  
Databricks Apache Spark Apache Kafka  
Confluent Cloud Docker Terraform Git  
HiveMQ MQTT RStudio

### Other Tools

Bitbucket Jira Confluence Slack Trello  
MS Teams

### Soft Skills

Communicative Ambitious Team Player  
Organised IT enthusiast

### Languages

Spanish - Native  
Galician - Native  
English - C1  
French - B1 (improving)

## CERTIFICATIONS

Apache Kafka Fundamentals by Confluent  
Developer skills for Building Apache Kafka by Confluent  
Databricks Accredited Lakehouse Fundamentals  
Neo4j Certified Professional  
Scrum Fundamentals Certified (SFC)  
Certificate in Advanced English (CAE) by Cambridge  
AWS Academy Cloud Foundations  
AWS Certified Solutions Architect - in progress  
MongoDB Certified Developer Associate (C100DEV) - in progress

## WORK HISTORY

- 📅 06/2021 - Present  
📍 Galeo, Madrid (SP) - Remote EU **Data Engineer (Full-time)**  
Global activities related to technology and product development, in particular in everything related to data platforms, edge and cloud processing and the processes of deployment, integration and project management.  
**Tech Stack:** Python - Django Framework, MS Azure, Azure Databricks, Azure Devops, AWS, Terraform, Apache Kafka, Confluent Cloud, JulieOps, Docker, PostgreSQL
- 📅 11/2020 - 05/2021  
📍 Galeo, Madrid (SP) - Remote EU **Back-end Software Engineer (Internship)**  
**Tech Stack:** Python - Django Framework, API Development (O365-Graph, Google Analytics, Google Ads, GSuite, Facebook Ads, Mailchimp, CallRail, CallTracking, LinkedIn, Paylocity, Teamwork, Zoho, Slack), GCP (Google Cloud Platform), BigQuery, Docker, PostgreSQL
- 📅 09/2020 - 10/2020  
📍 Princess of Asturias Foundation, Oviedo (SP) **Data Scientist (Internship)**  
Support work in digitization of cultural and educational projects. Work on data science, work on a database for the maintenance and segmentation of the public that attend the activities of the Princess of Asturias Foundation.  
**Tech Stack:** Python, Pandas, MS SQL Server, UML Design
- 📅 06/2020 - 08/2020  
📍 Brox Technology, Dublin (IR) **IT Web Developer (Erasmus+ Internship)**  
**Tech Stack:** Wordpress, Divi, JavaScript, Prestashop

## EDUCATION

- 📅 02/2022 - 12/2022  
📍 Data ScienceTech Institute Sophia Antipolis, France **Applied MSc in Data Engineering for AI**  
First Class Honors (expected)  
Expert en sciences des données - RNCP 34262-7  
**Skill set:** Cloud Computing (Azure and AWS), Datawarehousing and ETL, Data Pipeline, Hadoop and Spark, DevOps, Data Science
- 📅 09/2017 - 06/2021  
📍 University of Oviedo, Spain **Bilingual BSc CS Software Engineering**  
GPA: 8.038 (base 10)  
Honorable grades: Statistics(2017-2018), Robotics(2020-2021), Business Professional Experiences(2020-2021)  
Modules achieved with full mark (10.00): Software Architecture, Software Design, Distributed Systems, Requirements Engineering  
Extracurricular Activities: Basketball referee, DSC Member, GDG Asturias member, New North member
- 📅 09/2019 - 06/2020  
📍 Cork Institute of Technology, Ireland **BSc (Hons) Software Development**  
First Class Honors (Erasmus+)  
Extracurricular Activities: Basketball team, Women in STEM society

## ACHIEVEMENTS, HONORS AND AWARDS

- 🏆 1st prize ChampU 2020 by University of Oviedo (Entrepreneurship program)
- 🏆 2nd prize Glenville State College and the University of Oviedo's Collaborative Online International Learning (COIL) project 2018
- 🏆 1st prize Ninth Student Exchange Meeting Between IUT and EII 2018

## VOLUNTEER EXPERIENCE

- 📅 10/2020 - 06/2021  
📍 University of Oviedo, Spain **TAP Mentor**  
Tutorial Action Plan of the Computer Engineering Department. 4th year students can voluntarily act as mentors together with a tutor (school professor) in one of their modules, guiding 1st and 2nd year students in anything they need (questions about class, mobility, administration, etc.)
- 📅 08/2020 - 08/2021  
📍 ESN Oviedo, Spain **ESN Web Developer Volunteer**  
Erasmus Student Network (ESN) is a non-profit international student organisation. Our mission is to represent international students, thus provide opportunities for cultural understanding and self-development under the principle of Students Helping Students.
- 📅 02/2020 - 05/2020  
📍 Cork Institute of Technology, Ireland **CoderDojo Student Mentor**  
CoderDojo is a movement orientated around running free not-for-profit coding clubs and regular sessions for young people.

## PROJECTS

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📅 05/2022 - Present

📍 Data ScienceTech Institute, France

### **Kafka distributed training and federated learning**

Health device monitoring system. Predictive maintenance of devices will prevent upcoming defects/malfunctions to happen. In order to achieve this, a raspberry pi 4 model B and two azure virtual machines were used to simulate the behavior of the machines as accurately as possible. A final web application was developed for the client to monitor its devices in real-time.

**Tech Stack:** Python, Tensorflow, MS Azure, HiveMQ, MQTT, Kafka, Kafka Connect, Confluent Cloud

📅 11/2021 - 01/2022

📍 Galeo, Spain

### **Build a Kafka Topology with JulieOps**

Medium publication written by me

**Tech Stack:** Azure Devops, JulieOps, Kafka, Confluent Cloud

📅 03/2021 - Present

📍 Galeo, Spain

### **People Analytics projects**

In charge of APIs development, ETL to load data in BigQuery or Azure as Blobs to process it later in Azure Databricks

**Tech Stack:** Python - Django, GCP, BigQuery, MS Azure, Azure Blob Storage, Azure Databricks.

📅 09/2020 - 06/2021

📍 University of Oviedo, Spain

### **Recommender System of Apps Student grant by University of Oviedo**

Design of a recommender system of mobile applications according to the patient's pathology (focusing on cancer patients). Based on artificial intelligence techniques, mainly machine learning and natural language processing.

**Tech Stack:** MEAN Stack - MongoDB, ExpressJS, AngularJS, NodeJS, R for data analysis and modeling and Docker for the deployment in the server.