Paula Robles López

paumurl   my linkedin   paularobleslopez   [redacted]

Experience

Jul 2023 – Present

Junior Data Scientist at indigitall, Spain
- Developed Python-based AI projects while adhering to Gitflow Workflow for version control.
- Supported and maintained cloud production systems to enhance reliability and scalability, leveraging Kubernetes and Google Cloud Platform (GCP) tools.
- Implemented and maintained CI/CD workflows with CircleCI and Argo CD to optimize deployment processes.
- Created and modified API endpoints to support application functionality.
- Designed and managed database schemas, as well as performing data extraction, manipulation, and analysis using BigQuery and PostgreSQL.

Oct 2021 – June 2022

Data Analyst Intern at CBGP, Spain
- Automated an HISAT2-StringTie pipeline with Bash and Python for transcriptome assembly using Arabidopsis RNAseq files.
- Conducted differential gene expression data analysis in Arabidopsis and visualized the results using data visualization techniques, in R.

Education

2022 – 2023

MSc in Data Science at Polytechnic University of Madrid, Spain
Specialized in data processing, cloud infrastructure, statistical data analysis and machine learning. Awarded as one of the top four academic records for the 2022/23 academic year.

2018 – 2022

BSc in Computational Biotechnology at Polytechnic University of Madrid, Spain
Special interest in data mining, machine learning and database management.

Projects

2023 – 2023

MSc thesis about GPT models – at Polytechnic University of Madrid, Spain
Developed a custom chatbot assistant fueled by GPT models and using a REST API built with Flask. Provides a seamless user experience through a locally hosted frontend page powered by Waitress

Grants

Collaboration fellowship with University departments, 2021/2022.

Languages

Spanish (native), English (proficient, C1) and German (basic).

Skills

- Experienced in **Python** and **Bash**.
- Comfortable with **R**, **MySQL** and **LaTeX**.
- Familiar with **Git**, **Flask**, **Docker**, **HTML** and **CSS**.
- Basic knowledge of **Spark**, **Java**, **JavaScript**, **FastAPI** and **Django**.