

Paula Robles López



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Experience

Jul 2023 –
Present

Junior Data Scientist at [indigitall, Spain](#)

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.

Professional development

2023 – 2023

Machine Learning Engineering for Production (MLOps) Specialization at [DeepLearning.AI](#)

2021 – 2021

MOOC: Machine Learning and Big Data for Bioinformatics at [University of Granada, Spain](#)
100 hours.

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**.