# LUCÍA
# MARTÍN FERNÁNDEZ

## BIOTECHNOLOGY & COMPUTATIONAL BIOLOGY

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As a highly motivated and enthusiastic individual, my professional career objective is to utilise my education and skills in the field of Bioinformatics, more specifically in Genomics and Software Development. My passion for these fields stems from the vast potential they offer for understanding biological systems and contributing to the development of cutting-edge technology.

Graduated in **Biotechnology** from **Universidad Politécnica de Madrid** (UPM, 2022) I completed my Bachelor's degree at **Ghent University** through the Erasmus+ program, where I had the opportunity to take courses from the Master in Bioscience Engineering: Cell and Gene Biotechnology, majoring in Computational Biology. In this line, I am currently pursuing the Master's degree in **Computational Biology** from Universidad Politécnica de Madrid and improving my data science and AI skills in Python, R, Ruby and Bash languages, together with expanding my knowledge about the computational biotechnology world.

During my Bachelor, I received a Collaboration Internship to work at a UPM Department with Prof. Javier Galeano Prieto to perform **statistical analysis of biological samples**, which first enhanced my curiosity about bioinformatics. In addition, for my Bachelor Thesis I had the opportunity to work with Dra. Raquel Iglesias Fernández at **Centro de Biotecnología y Genómica de Plantas** (CBGP) in the **Quinoa4Med project**. In this context, I was awarded with the Best Final Degree Project at UPM in the field of International Cooperation in contribution to the **Sustainable Development Goals**. Additionally, I decided to pursue an extracurricular Internship through the Erasmus+ Program at the Microbial and Molecular Evolution Laboratory of the **Florence University** with Prof. Renato Fani. Currently, I am working on my Master Thesis at the **Comparative Genomics and Metagenomics** group lead by Jaime Huerta-Cepas at CBGP.

In terms of personal qualities, I consider myself to be a proactive and an excellent team player with excellent communication skills. In this context, the **Erasmus+** program has helped me gaining a great sense of responsibility and enhanced my ability to adjust to new working environments and to cope in international atmospheres in both English and Italian.

Overall, my education, language proficiency, programming skills, personal qualities, and work experience make me a highly qualified candidate for a career in **Genomics** and **Software Development** as I am committed to contribute to the advancement of scientific knowledge and the development of innovative technology in these fields.