Lucía Sánchez González

Professional Profile

I am a Biochemistry graduated student from the Autonomous University of Madrid (UAM), and I am currently enrolled in the Master'sDegree in Computational Biology at the Technical University of Madrid (UPM). During my Degree I acquired knowledge about molecular biology, biochemistry and bioinformatics.

My interest in the field of bioinformatics sparked during my Bachelor's Thesis at the group of Luis del Peso in the "Alberto Sols" Biomedical Research Institute(IIBM-UAM/CSIC), where I performed meta-analysis of RNA-Seq data. Throughout my Bachelor Thesis I gained experience in programming in languages such as Python and R, and in managing different tools for genomic data analysis. Consequently, I decided to join the area of computational biology bystudying the UPM Master.

Within this Master I had the opportunity to become more competent in omics technologies, and also tobecome familiar with the field of Machine Learning, SemanticTechnologies and Big Data. Additionally, I learnt how to program in other languages like Ruby. Currently, I am carrying out my Master's Thesis directed by María Poveda Villalón and Carlos Badenes Olmedo and it takes place at the Ontology Engineering Group of the Department of Artificial Intelligence of the UPM. It consists in the search and compilation in the literature of annotated corpora in English and Spanish with biomedical entities and the creation of my own annotated corpus with biomedical entities in Spanish following the FAIR principles. This research experience drives me to look forward to learn and acquire more skills in the computational work, specially the field ofNatural Language Processing and Semantic Technologies.

I am a hard-working and motivated person, willing to start working at new environments, to learn new capabilities and to further develop my teamwork skills.

Contact Information

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