

PROFESSIONAL PROFILE

I have a Biology Degree from the Complutense University of Madrid (UCM), with a specialization in Biotechnology and I am coursing a Master's Degree in Computational Biology at the Technical University of Madrid (UPM). I started to be interested in the computational biology and bioinformatics when I did my Bachelor's degree under the supervision of Rafael Lahoz Beltrá in the Mathematics Department at UCM, designing a model to studied virus evolution in a host through computational methods.



I consider myself a curious and active person, since I have always been exploring different fields in the biology. I did an research internship at the Centro de Investigaciones Biológicas (CIB) in the Department of Molecular Biology of Plants. This stage in the CIB contribute me to have more experience in the laboratory work and experimental approaches.

Currently, I am interested in the in the field of pharmacology using bioinformatics tools like docking, molecular and cellular dynamic and virtual screening. Although, the genomic analysis, arouse great interest in me. Despite that, I am very interested in other fields of bioinformatics, like big data, machine learning and data mining in which I intend to continue learning more from them. I would like to develop my professional career in a company that would give me the opportunity to grow professionally within it.

Another of my qualities is the work team capacity, the perseverance in the work, my commitment to face new challenges, creativity to find solutions for unexpected problems and good analytical skills.

The Master of Computational Biology has contributed to significantly improve my skills in programming in different languages (Phyton, R, Ruby, etc), and has provided me more analytical capacities to solve problems in many biological fields and using different experimental approaches.

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