

Alberto Cámera Ballesteros



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My [LinkedIn](#) and [GitHub](#)



I graduated in Biology at the Autonomous University of Madrid (UAM), and I am currently enrolled in the Master in Computational Biology of the Technical University of Madrid (UPM).

During my Bachelor's I learned about chemistry, physics, mathematics, plant and animal physiology, population genetics and other areas of knowledge that are currently extremely relevant. I also developed a passion for genetics, taxonomy and phylogenetics.

I did my Bachelor's Thesis at the Spanish National Biotechnology Centre (CNB-CSIC), with Jose María Requena Rolania. During this time, I got experienced in data gathering and processing, phylogenetics and taxonomy while working to improve the current classification of the genus *Leishmania* by applying orthology to genomic assemblies. This experience made me realize the importance of bioinformatics, and the contribution that it could provide to improve almost all research activities related with Biology.

Wanting to learn more about Data Science and Computational Biology, I took several on-line courses and enrolled in the UPM Master in Computational Biology, where I became experienced in Python, Ruby, R, SQL and Linux, and learnt about HTML. I also acquired skills on essential aspects of bioinformatics like Semantic Technologies, Machine Learning and Big Data.

Currently, I am doing an internship in the Centre for Plant Biotechnology and Genomics (CBGP) under the supervision of Mark Wilkinson, aiming to complete my Master's Thesis, which focuses at creating software that automatically indexes the content of many/all of the Linked Open Data endpoints in the Life Sciences, and create a catalogue of their data types and overall schema with the intent of creating a high-level querying service.

I am a curious and hard-working person that is eager to learn and grow every day in each possible aspect. I would love to find a working place where I can share my knowledge and innovative ideas and collaborate as a teammate.

What is my professional motivation?

I am mainly interested in phylogenetics, linked data and semantic web, as well as machine learning.