

# Ana Sierra Bañón



## PROFESIONAL PROFILE

I graduated in **Biochemistry** at the University of Navarra, with a specialization in biomedical research. During my bachelor, I combined my formation with three different internships in order to create in myself a competent professional profile. First of all, in the Genetics Service of the Hospital of Navarra, participating in the experimental design of a research on penetrance modifying polymorphisms of genes associated with hereditary cancer. Secondly, during my Erasmus exchange, I worked in the National Pollen and Aerobiology Research Unit at the University of Worcester (UK) during 5 months, where I published a paper about the pollen characterization of English honey from Worcestershire. Finally, I did a 3 months internship in the Centre for Applied Medical Research (CIMA), at the University of Navarra, as an assistant in the immunology laboratory, helping in the genotypic and phenotypic diagnosis of certain diseases.

Last year, I did a **Master in Biostatistics** at the Complutense University of Madrid (UCM) which provided me broad analytic knowledge and programming experience. Also thanks to my studies in biostatistics I acquired knowledge in advance statistic methods and data analysis. I am finishing my studies on **Computational Biology** at the Technical University of Madrid (UPM), where I have been able to develop strong skills in computer science, I have learned how to work in Linux and different programming languages as R or Python. Complementary to this studies, I did a 6 months internship at the Molecular Epidemiology laboratory of the Ramón & Cajal Hospital, where I studied the molecular evolution of HIV-1 in an infected paediatric population of the Community of Madrid during two decades and from which I will write Computational Biology Master Thesis.

I am currently working in the **Machine Learning** department of a company dedicated to advanced data analytics solutions for Healthcare. My work here consist in developing predictive models for highly relevant health indicators which contribute to better medical actions in order to improve clinical assistance and hospital management. I am a quick learner, very motivated and I have proven to be able to work independently and in a team during my internship and coursework.

### Professional summary

Biochemistry specialized in biostatistics and computational biology, interested in developing a career as data scientist, especially focused in the Health field.

### Master summary

This Master has given me new vision in how to apply the knowledge acquired during my bachelor by learning new disciplines as machine learning, programming or statistical analysis among others.

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