

## Carolina Jiang Zheng

I am currently pursuing a Master's Degree in Computational Biology with a specialization in Data Science at Universidad Politécnica de Madrid. By following the Master's program, I have gained knowledge and developed the necessary skills to work in the computational field while taking advantage of the Biology expertise I have built up previously from my Bachelor's Degree in Biotechnology.



From the main topics that were taught during the Master's degree, I learnt the Python and Ruby programming languages and used them for ontology engineering and text mining. I also performed statistical data analysis with R and used a variety of bioinformatic tools to analyze genomic data.

I am a self-motivated person and I always try to achieve the best results possible. I managed to publish a scientific publication during my Bachelor's internship at the Pharmacogenetics Unit of Hospital Universitario de La Princesa. During the same period, I was awarded with a scholarship and joined the Microbiology laboratory of Tsinghua University in China, which is one of the most prestigious engineering universities in the world. Due to the positive outcome obtained with my stay, more colleagues from my university have been able to participate in the same program.

In addition to the advanced knowledge I have acquired in my field of study, I have also developed interpersonal skills through my experiences. I was born and raised in Spain yet I have also been educated in Chinese values and practices. This bicultural identity has helped me to be more adaptive and respectful in a multicultural environment and has allowed me to learn different communication skills and approaches while performing activities as a team.

The reason why I am doing this Master's degree is because I believe the future of healthcare relies on the innovations and insights that technologies such as Artificial Intelligence can bring to life. With this mindset, I look forward to the opportunity to work towards better health and improving the quality of people's life.

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