

Name & Surname : Youness Elkhailil
Email Address : younes-elkhailil@live.fr
Linkedin : <https://www.linkedin.com/in/youness-elkhailil-5b73a812b/>



During my bachelors, I studied Biological Analysis and Quality Control. When I went on to my masters, I focused on Applied Microbiology and Biological Engineering. My experiences are not only limited to my studies though. I did two separate internships at the Pasteur Institute of Casablanca for practical experience, the first one was in my bachelor's thesis where I assisted in microbiological analyses and quality control of food. The second one, during my master's thesis, in which I was responsible for assisting in research focused on immunotherapy against cobra envenomation.

Afterwards, I received a full scholarship from the Servicio Español para la Internacionalización de la Educación (SEPIE) to study at the Polytechnic University of Madrid the Computational Biology Master program. Joining this master was a complete shift for me. I jumped from pure experimental, bench science (microbiology, immunology, ...), where we barely used a computer, to a field in which the use of it was done on a day-to-day basis. During the first semester, we had the chance to have a closer idea of and learn about the programming world. We studied the varied uses of programming in our scientific sector as well. From genomic data and statistics analysis to machine learning approaches, we dove into what it means to integrate and intertwine the scientific and informatic fields).

Recently, I started my internship in the Center for Biomedical Technology (CTB)- UPM within the Medical Data Analysis Laboratory (MEDAL) to carry out my Master thesis. As a Data Analyst, my missions will be performing data modeling and analysis using machine learning methods in an Human Diseases Networks project.

I would like to take my knowledge and my enthusiasm for finding new developments/programs, in the medical field especially, to resolve some of challenges we are facing such as having standard structures for representing biomedical knowledge, protocols, and patient data, which will help in a way to ensure the quality and the safety care. I am always willing to expand my mind and extend my learning, whether that be on the subject I'm learning or on practical skills needed to be successful in life. At the end of my time here, I aspire to be able to find a company where I can use my abilities and be a valuable asset to it, and also be supported in achieving a mutual goal.