

Dear recruiter,

My name is Pablo Rodríguez Grasa, I am a 4th year Physics student with a major in Fundamental physics at the University of Barcelona and I will graduate in June this year. I decided to study physics because I wanted to understand the processes around us. As I have progressed in my career, I started to be motivated to become an expert in one of the countless branches of this science, to be able to reach the frontier of knowledge, to investigate what most people still do not know and to be able to contribute in some way to the progress of society.

The first two years of my degree were useful for me to acquire a global vision, but the third year came and I discovered Quantum Mechanics. A field in which even those who know the most say they know nothing, which I find fascinating. For me it is impossible to listen to experts like José Ignacio Latorre talk about the quantum revolution and not want to be part of it. When I hear and read about topics such as teleportation or entanglement, I realize that it is clear to me that I want to dedicate myself to this.

Subjects such as Quantum Physics, Quantum Mechanics, Quantum Information Theory and Quantum Mechanics of N-bodies have allowed me to have a first contact with this world. I am currently enjoying doing my final degree project with the Dr. Bruno Julia on Grover's algorithm trying to prove the quantum supremacy over the classical world. Next week I will participate in a Hackathon organized by Stanford University and Yale University on quantum computing and involving companies like Microsoft and IBM. Quantum has gradually become my day to day life, I like to be updated on the news of the advances of major companies and I want to continue training and learning so that someday I can be part of them. That's why when I discovered that next year I would start taking this master's degree I saw a perfect opportunity to continue discovering this branch of physics, I also consider that in Barcelona there is a very powerful group of companies and institutions and my dream is to someday be part of one of their projects.

I am aware of the demand that this master's degree is going to have, which makes me value even more the opportunity that it would be to be able to take it. I feel that I am prepared and very motivated to enjoy the training and the opportunities it offers. I consider myself a hard worker and I will do my best to make the most of it.

Yours sincerely,
Pablo