

ALBERT DOMINGUEZ



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Dear Coordination Committee,

I have always had a deep interest in understanding how nature works. When I was first introduced to the counterintuitive quantum world by my physics teacher, I was so amazed that I decided I would pursue a physics degree straight away. I was on that path before switching into an innovative Data Science degree weeks prior to enrolment, which I will be graduating from soon and I will proudly be part of the first promotion ever.

My interest in quantum physics, though, has not decayed through time, but quite the opposite. As a matter of fact, I find myself currently enrolled in an (also new) elective course on Quantum Computing. Despite that being a risky course to take, objectively, I am enjoying it a lot, and I keep getting fascinated by things that could be accomplished. I would love to be part of research and aid progress.

However, I do not want to give up on data science, especially on the algorithmics and machine learning. The thing I have enjoyed the most, and I believe is also one of my strong points, is algorithmic thinking.

I have never doubted that I want to end up pursuing a PhD. Up until now, however, I was unsure about what I would end up doing it in, as I found hard the thought of working on something for a good number of years if it does not motivate me enough. Thinking about quantum algorithms overall, especially quantum machine learning, makes me want to focus my research on it in the future as I am not intimidated, but rather motivated, on working on something so fascinating and being able to contribute my bit to such an interesting topic.

Thank you for considering my application,

Albert Dominguez