

Motivation letter for *Master in Quantum Science and Technology* application at the *Universitat de Barcelona*

Dear Madam/Sir,

I am writing to express my interest in applying for the *Master in Quantum Science and Technology* at the *Universitat de Barcelona* starting in autumn 2021. This year I will graduate in Physics at the *Universidad del Pais Vasco/Euskal Herriko Unibertsitatea (UPV/EHU)* after studying there for four years.

Since I was a kid I have always been a curious person, specially about topics relating nature, the universe... One of my favourite hobbies apart from Physics is music and playing instruments; I learned playing piano and guitar by myself and studied violin in a conservatory for four years. After finishing high school, when I had to decide what I wanted to do with my student career, I started looking at different degrees related to engineering and pure sciences. Finally, I saw that the one which suited my concerns best was Physics. In this four years I have enjoyed the educational process a lot and I never thought of quitting because, even though there were tough moments, I never lost motivation in what I did. Apart from the degree itself, I have been a member of a students association called *Zimatek*, where I and my colleagues have carried out various activities with the aim of creating ties between the students and the degree.

During this past four years I have realized that among all topics surrounding Physics, the one that most catches my attention is Theoretical Physics. Between all the subjects I have taken, *Quantum Mechanics* and *Gravitation and Cosmology* might have been my favourite ones. Moreover, one of my goals is to do a PhD in the future. That's why I think this master could satisfy all of my needs.

I hope that this brief introduction of me as a student can be helpful for you to know me a little bit and take me into consideration.

Thank you for your attention,

Borja Varona Uriarte.