

3 de febrero de 2019

To Whom It May Concern:

I am writing to submit my application for the Maria de Maeztu Master Internships Programme for 2019. I am currently a student at the Master's degree in Advanced Mathematics and Mathematical Engineering offered by the Universitat Politècnica de Catalunya. I graduated from the University of Zaragoza in a Degree of Mathematics with various honours marks in subjects related to algebra, discrete mathematics and geometry. I have participated in several math, physics and chemistry competitions since secondary school and got good results in most of them. I came to know about the math masters programs offered here, in Barcelona, because of a friend from those competitions, and I became interested.

My interest in research originated in secondary school, where I developed a strong liking and predisposition for creative and intellectual activities. Eventually I decided to study math because I believe that it allows oneself to solve interesting, meaningful problems in creative ways. My main areas of interest are logic, discrete mathematics and algebra, as well as their applications in other fields, particularly computer science. Recently, I got the opportunity to work on a master's thesis project under the supervision of Marc Noy Serrano, involving original research on logic, discrete mathematics and probability. I am very motivated by this project and I think it is a great chance for me to get more involved with research and to work hard doing things I enjoy.

Yours Faithfully,

Lázaro Alberto Larrauri Borroto