**Howard DaCosta**

[howard.dacosta400@gmail.com](mailto:howard.dacosta400@gmail.com) | [LinkedIn](https://www.linkedin.com/in/howard-dacosta-400/)

Telematics Engineering Department and UC3M-Santander Big Data Institute

To whom it may concern,

I would like to join the UC3M-Santander Big Data Institute for the summer of 2023. The project focused on analyzing the quality of location data in online advertising would be a unique opportunity to combine the many skills I’ve acquired over my academic and professional career. It addresses an extremely important problem of data quality, which is applicable in a multitude of industries that involve the collection large amounts of data. I hope to learn general skills and analysis techniques that I can apply to many other problems that I will encounter in my professional career.

As a first year Masters of Engineering student and having recently completed my undergraduate career at MIT, I have gained a wealth of theoretical and practical knowledge through classes and internships. These experiences have given me a strong basis for design intuition, engineering, and teamwork. I have worked with many programming languages and frameworks and have used this to develop a multitude of complex projects throughout my time as a student. The knowledge I’ve acquired in the classroom really shines through in my professional experience, where I have built many significant projects for the likes of NetApp, BlackRock, and Google. In addition, I am exceptionally skilled with Python and full stack development, which is why I think that I would excel in this group. Finally, considering that I will be working full-time at Palantir this coming fall, which is a company that provides platforms to help companies analyze and understand their data to inform important business decisions, I think the work here would be an organic way to start engaging with that mode of thinking.

I am applying to the internship as part of MIT’s MISTI-Spain Program, which seeks to partner MIT students with international internships.  If I can intern here this summer, I will find an MIT faculty advisor and apply for funding through MIT’s resources.  However, if this group can provide any support (ie. stipend, flight, housing); it would be greatly appreciated as MIT’s funds are limited.  More information about the MISTI Spain program can be found [here](http://misti.mit.edu/student-programs/location/spain); you can also contact the Managing Director of the Program, Alicia Goldstein Raun at [aliciag@mit.edu](mailto:aliciag@mit.edu).

The accompanying resume can provide, in greater detail, my background and what I can offer to this group as an intern. Thank you again for your time and consideration!

Best,

Howard DaCosta