**Howard DaCosta**

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Scaled Robotics S.L.

To whom it may concern,

I would like to join Scaled Robotics S.L. for the summer of 2023. The project focused on int intelligent relabeling using unsupervised learning would present a unique opportunity to work on an important machine learning application at scale, which is something that is generally lacking in traditional coursework. I also find it very interesting and refreshing that, instead of looking to improve the machine learning systems to produce “better” outcomes, this project is looking to improve performance through data engineering and cleaning. With so much quality data being available, I believe that any ML system can benefit greatly from having better inputs, which is why I think this project would be a fascinating problem space to explore.

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. Specific skills that I’ve acquired that would make me a great fit particularly for Scaled Robotics S.L. include strong Python programming skills, exposure to machine learning frameworks such as OpenPose and Keras, and a solid foundation for linear algebra. Additionally,

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. I hope to apply all that I will learn here at such a fast-moving and impactful company as I look to begin my full-time role at Palantir in the coming Fall.

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 team as an intern. Thank you again for your time and consideration!

Best,

Howard DaCosta