

To whom it may concern:

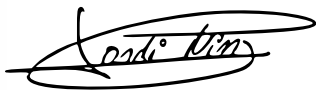
Berta Casas was a scholarship holder at ESADE Business School under my supervision. She was a hard-working and responsible member of my research team since the very beginning of her contract. I like to highlight that Ms Casas learned a lot during her scholarship by participating in seminars and meetings actively. During her contract, Berta showed excellent scientific and mathematical skills in all the tasks she did. For these reasons, I would recommend her for being admitted to your Master in Quantum Science and Technology.

During her scholarship, Berta worked on a project in collaboration with the Universidad del Pacifico. The project was devoted to create and analyze a communication network build using all the emails exchanged among workers (PAS and PDI) and students in the Universidad del Pacifico during a year. The performed analysis was focus on comparing the working practices before, during and after the Universidad del Pacifico campuses lockdown due to the Covid-19 pandemia. Specifically, Berta was responsible for cleaning the data and creating the temporal network. Berta performed these tasks using Python showing very good skills using scientific libraries, such as Pandas, Numpy and iGraph. Thanks to Berta's work, we submitted a research paper to the Nature Scientific Data journal. The article is still under review, but we hope the reviewers will accept it soon.

Berta is an intelligent and motivated student being able to have creative and well-structured ideas. As a result, I consider Ms Casas as one of the best candidates for your Master.

If you would like additional information about Ms Casas, you can send me an email via jordi.nin@esade.edu.

Sincerely,



Jordi Nin
Assistant Professor
ESADE Business School
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