

To whom it may concern,

I am a PhD candidate in the Science and Technology/Chemistry program at the Federal University of ABC (UFABC). I currently work with Condensed Matter - more specifically, with the discovery and design of specific molecules to be used in solar cells. My research uses simulations (both traditional Quantum Chemistry calculations, as DFT, and modern Machine Learning predictions). In these more than 3 years of work, I have gained experience with different types of data manipulation, database structures, analysis and prediction methods, using mostly Python as a programming language.

My interest in the area of Data Science arose when I was still doing an internship in a bank, during my undergraduate course. I have chosen to work with simulation and Machine Learning in my post graduation precisely due to the rapid growth of this area, and my interest for the answers hidden in large amounts of data and in different types of plots.

At this moment, I am looking for a junior position, which would provide me the necessary immersion into business problems while I make a transition back to the industry. I believe I can contribute to the company with valuable hard and soft skills developed in the last 5 years of work experience.

Thank you for considering my application. I look forward to hearing from you.
Best regards,

Raissa Lohanna

rlgqcorrea@hotmail.com

Chemistry PhD Student

Materials Engineer; Bachelor in Science and Technology

GitHub: <https://github.com/raissalohanna>

ABCSim - Simulation and Modeling of Atoms, Molecules and Condensed Matter

Federal University of ABC (UFABC)