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## **COVER LETTER**

*Dear GFT Team,*

I am writing to express my interest in the Senior Machine Learning position (116246 INT). As a Ph.D. graduate in Nuclear Physics, I believe that my abilities to tackle intricate problems with creativity and precision, together with a deep understanding of complex systems and more than a decade of experience with software engineering, perfectly suits the positions' requirements, making me enthusiastic about the opportunity to contribute to your team.

After completing my PhD in data analysis in the context of Nuclear Physics, at USP, I entered the corporate world, having worked with training artificial intelligence models on Google and AWS APIs. More recently, my interest turned to native machine learning libraries (such as TensorFlow), where I have been able to unify, with great synergy, my knowledge of Physics with ML problems.

It is in this context that I apply for the position.

*Warm regards,*

**Caio Laganá Fernandes**