

Dear Hiring Manager,

My name is Paul-Henri ICHER, and I am a second-year Master's student in Computer Science, specializing in Machine Learning.

I chose to pursue this path after studying cognitive sciences, from which I graduated in 2020 with a Master's degree in Fundamental and Applied Cognitive Psychology from University Paris-Cité.

Neurosciences and the study of the brain are my passions. Their interactions with AI became even more interesting to me during a research internship at NeuroSpin (CEA, INSERM) in 2020. During my time at this research structure equipped with fMRI, I worked under the supervision of Stanislas DEHAENE. My research subject focused on brain activation associated with the learning of mathematical concepts. This previous internship allowed me to become familiar with designing an experimental protocol suitable for fMRI acquisitions. Above all, it gave me the opportunity to interact with a group of researchers and students working on cross-disciplinary projects combining AI and neuroscience. This greatly contributed to my desire to continue my studies to become familiar with these new tools.

Currently looking for an end-of-Master's internship, your company represents an opportunity for me to combine my two areas of expertise.

As evidenced by your recent acquisition of Dreem, your commitment to providing practical and concrete therapeutic applications is my main motivation for joining your group. I wish to integrate into your team, which includes a variety of expert profiles, and apply my machine learning skills to your specific problems.

Working with real-world data would be a challenge for me, allowing me to develop skills in processing and exploiting sequential data. This also includes deploying models and benefiting from your team's experience to bring them into production.

Thank you for reading this letter and considering my application.

For any further details or references, do not hesitate to contact me.

Yours sincerely,

Paul-Henri ICHER