Dear HR Managers,

As an AI Engineer with a Master's degree in *Artificial Intelligence and Robotics* from La Sapienza University in Rome, I bring both academic depth and applied experience in machine learning, neural networks, computer vision, and cloud-based AI solutions.

My master's thesis, conducted in collaboration with the Italian National Institute of Nuclear Physics, focused on accelerating Magnetic Resonance Imaging using advanced neural network architectures. This project exemplifies my ability to tackle complex problems through innovative AI models and high-performance computing.

Currently, I work as a Data Scientist and AI Engineer at Argusa SA in Lausanne, Switzerland, where I develop intelligent solutions for a leading rail maintenance company. My contributions include:

- Creating **Streamlit applications** that integrate machine learning models for real-time decision support.

- Using **Snowflake** to manage large datasets and support AI pipelines in scalable, cloud-native environments.

- Designing data visualizations in **Tableau** that support operational insights and model interpretability.

I recently obtained both the **Tableau Desktop Specialist Certification** and the **Snowflake SnowPro Certification**, and my AI expertise has been enriched by participation in the **Oxford Machine Learning Summer School** and the **AWS Academy**, focusing on scalable ML workflows and deep learning systems.

Having lived in the U.S., Italy, Brazil, and Switzerland, and studied in Prague and Rome, I bring not only technical competence but also a highly adaptable and multicultural perspective. I'm fluent in Italian, French, English, and Portuguese, and thrive in international and collaborative environments.

I would be excited to contribute my AI knowledge and innovative mindset to your organization, and I look forward to the opportunity to discuss how I can support your team.

Sincerely,
Vincenzo Colella