

Motivation Letter

To the Distinguished Selection Committee,

I am writing to formally express my enthusiastic interest in pursuing a Master's degree in Artificial Intelligence in Romania. As a final-year Bachelor of Informatics student at the University of Mila, I have dedicated my academic career to mastering the patterns and logical frameworks that drive modern computing. My goal is to bridge the gap between advanced algorithmic theory and high-impact, real-world applications.

Throughout my undergraduate studies, I have consistently ranked first in my class every semester and top of department in my second year(both semesters). This academic rigor has allowed me to develop a deep affinity for the "math of logic", specifically graph theory and algorithmic optimization, which I believe are the cornerstones of sophisticated AI. My technical foundation is built on practical full-stack development and data analysis, ranging from architecting multi-tenant platforms for university research labs using Node.js and PostgreSQL to optimizing financial datasets for the Bank of Agriculture and Rural Development.

My current focus lies at the intersection of AI and Healthcare. For my graduation thesis, I am developing a comprehensive Blood Bank Management System. This project involves translating complex clinical requirements into data-driven solutions and analyzing biomedical datasets to optimize emergency response workflows. Winning the "AI Week Competition" for Best Web Application further solidified my resolve to build intelligent systems that serve the public good. I am eager to bring this experience to Romania's vibrant tech ecosystem, which is renowned for its excellence in software engineering and emerging AI research.

Beyond the academic prestige of Romanian universities, my motivation is deeply personal. Over the years, I have formed meaningful friendships with Romanians who have introduced me to the warmth and richness of your culture. These connections have even extended to the kitchen; I have spent many evenings learning the art of cooking traditional Sarmale, a process that taught me as much about Romanian patience and hospitality as it did about the cuisine. These experiences have instilled in me a genuine desire to live in and contribute to a society that I already feel a strong connection to.

As a student who has frequently represented my university at international Erasmus+ meetings and got selected to present projects to the Minister of Higher Education, I understand the importance of cultural diplomacy and academic exchange. I am confident that my background in computer vision and full-stack engineering, combined with my drive to solve social and environmental challenges through technology, makes me an ideal candidate for this scholarship.

I am eager to dedicate my Master's studies to advancing AI in Romania, contributing to your academic community, and further deepening my ties to your beautiful country.

Thank you for your time and for considering my application.

Sincerely,

Amdjed-Slimane Hama

+213561459224

hama.amdjedslimane@gmail.com