Dear Admissions Officer,

My name is Zeng Qin Tao, a final-year undergraduate studying Computer Science at the University of Birmingham. Having a passion for using Artificial Intelligence and Machine Learning to make everyday life more convenient and secure, I wish to express my interest in further developing my skills and knowledge in the Computer Science master's program at the KU Leuven.

I was born in China and have lived in Hungary for more than a decade. This multicultural experience has strengthened my language skills and has broadened my perspective and improved my flexibility and teamwork in a variety of settings. Internship at SAIC Motor allowed me to automate logistics and sales processes using Python scripts. This experience not only strengthened my Python skills but also provided valuable industry insights.

As part of my undergraduate studies, modules such as Neural Computation and Machine Learning developed my understanding of AI methodologies and applications. Additionally, I had modules like Security and Networks and Human Computer Interaction from which I learned the methods to create safe, user-centred applications.

Having participated in different projects, I applied my knowledge to develop practical solutions addressing real-world challenges. For example, "GreenScan", a mobile application designed to improve environmental sustainability using image recognition. Another example is a project designed to help people take the correct dosage of medication at the appropriate time. Currently, I am working on my thesis involving the development of an interactive user-centred web application using Machine Learning models such as LSTM and BERT to implement sentiment analysis on career reviews, providing valuable career insights for Computer Science students in this competitive industry. The theoretical foundation in Computer Science combined with hands-on experience in AI not only helped me succeed academically but also sustained my enthusiasm for diving deeper into the field of Artificial Intelligence.

I am particularly attracted to the KU Leuven for its renowned faculty, innovative AI research, interdisciplinary approach and its strong industrial collaboration. As one of the most prominent research universities in the world, KU Leuven provides a community where students can interact with like-minded peers and collaborate on innovative projects. The opportunity to study in such an intellectually vibrant environment is incredibly appealing. I am certain that this master's program will provide me with the knowledge and practical skills to contribute to the field of AI, whether in industry or academia.

Looking to the future, my goal is using the skills gained from inside and outside of the university contribute to industrial setting, particularly in automation and sustainability. I also aspire to pursuing a PhD to further develop and contribute to the academic field of AI.

I look forward to the possibility of contributing to and learning from the vibrant academic community at KU Leuven.

Yours sincerely,

Zeng Qin Tao