My Name is Tarek Ashraf Mahmoud Hussein Mansour, that's my full name. I was born in 27 of December 2001, I am now 23 years old. I have a lot of hobbies: I like playing video games (my favorite game is Red Dead Redemption 2 and ghost of Tsushima), I like to sketch, I like to watch anime (My favorite anime is Naruto), I also like to go to the gym, but I stopped now because I am in the military, I will finish my military service the end of this month, in the 1st of March 2025. I have one older brother, Mohamed and one younger sister, Dalia.

In the ever-evolving landscape of technology, there comes a moment when passion meets purpose, and the world of Artificial Intelligence opens its doors to those who dare to explore its infinite possibilities. It was in the crucible of my sophomore year of computer science studies that I discovered my deep-rooted fascination for Artificial Intelligence, igniting the spark that would shape my future endeavors.

Throughout my school years, I can proudly say that I was academically excellent. I graduated from high school at the top of the French Department. English was not the only language that I knew, I also kept studying French my whole life since I was in a French school. I wanted to master this language, so I took the DELF B2 exam and took the certificate. My volunteering journey began in high school by volunteering at the Life Makers Foundation: I was responsible for previewing certain places and families and deciding which families needed help as well as which kind of help (school, money, houses, …etc.).

This academic excellence era was paused due to some language complications. All the college's courses were in the English language, which was different for me. Although I was good in English, the scientific terms and the way of studying caught me off-guard. However, I can proudly say that I quickly caught up and graduated with a good grade. This surprise didn't prevent me from practicing activities that I like. In my freshman year, I joined the theater club and participated in the MEU (a simulation of the EU decision-making process) which made me overcome my talk-on-stage anxiety, as well as opening a door for a cultural exchange and drawing a bridge between my culture and the European Union.

In the summer of my sophomore year, I started my entrepreneurship journey by building my first startup "Toury", which deteriorated due to some governmental complications. It was in this year that I first faced the AI field by taking the course "Introduction to Artificial Intelligence" with Dr. Dina El Sayad. I then changed my direction to this field, knowing that in the quest for personal growth and achievement, one must recognize the boundless journey ahead, understanding that greatness is not a destination but a continual pursuit.

What I like about my university is that it contains a diversity of nationalities. For this reason, it held several conferences and events that consisted of cultural exchange activities which I participated in. Later in that year, I built my second startup "Ashri", which failed as well due to funding issues. I was appointed as the leader of my graduation project team. But with great power comes great responsibilities as I always like to say. Not only did I build the computer vision model and the website, but also distributed, and supervised tasks, held team meetings, and joined leaders' meetings with our supervisor.

Four years were more than enough to get attached to the Artificial Intelligence field. I kept enhancing my knowledge in AI and ML by taking online courses and specializations as well as joining an internship as an AI engineer intern at RadicalX. I was appointed as the leader of the intern team in this internship. I also built a lot of projects on my own such as The Lunar Lander using RL and The Personalized Chabot. I haven't given up on my entrepreneurship journey just yet, I can proudly say that I am the co-founder and the CTO of my final startup "Parajob". It became my goal to continuously expand my knowledge and work using it efficiently.

With this goal in mind, I intend to take the Fulbright master's program with an emphasis on Machine Learning. After this experience. I plan to use my knowledge and experiences to shape the technology world in the USA and my home country Egypt.

My Study Objective is to attain the knowledge and expertise in the field of Artificial Intelligence (AI) and Machine Learning (ML) through pursuing a master's degree. My objective is twofold: to further my understanding of these transformative technologies and to leverage this knowledge to contribute meaningfully to the technological advancement of my home country, Egypt.

The rapid progression of AI and ML has the potential to redefine industries and reshape societies worldwide. Recognizing the significance of this paradigm shift, I am driven by a commitment to not only stay abreast of these developments but to actively participate in shaping them. My motivation to pursue advanced studies in AI and ML stems from a desire to be at the forefront of innovation, equipped with the necessary skills to address complex challenges and seize emerging opportunities.

With a bachelor's degree in computer science and specialized experience in ML, including notable achievements such as leading a team in developing a computer vision project focused on safe transportation, I am well-prepared to undertake rigorous academic exploration at the master's level. Moreover, my practical experience as an AI engineer intern and co-founder of multiple startups has honed my ability to apply theoretical concepts to real-world scenarios, fostering a holistic understanding of AI and ML technologies.

My aspiration to contribute to Egypt's technological advancement drives my pursuit of a Fulbright master's scholarship. Egypt, like many nations, stands on the brink of a transformative era propelled by AI and ML innovations. By acquiring advanced skills and knowledge in these domains, I aim to play a pivotal role in bridging the technological gap and positioning Egypt as a competitive player in the global arena.

Through the Fulbright master's scholarship program, I envision immersing myself in a diverse academic environment that fosters collaboration, innovation, and interdisciplinary exchange. Engaging with leading experts and fellow scholars, I aim to deepen my understanding of advanced AI and ML concepts, explore specialized areas such as deep learning and MLOps, and cultivate the critical thinking skills necessary for groundbreaking research and development.

Upon completion of my master's degree, I am committed to returning to Egypt and applying my acquired knowledge and expertise to spearhead AI and ML initiatives that drive innovation, foster economic growth, and address societal challenges. Whether through academic research, industry collaborations, or entrepreneurial endeavors, I am dedicated to contributing to Egypt's technological evolution and positioning it as a global leader in AI, ML, and robotics.

My pursuit of a Fulbright master's scholarship is driven by a dual commitment: to advance my own academic and professional trajectory in AI and ML and to leverage this expertise to catalyze positive change in Egypt's technological landscape. With a strong foundation, a clear vision, and an unwavering determination, I am prepared to embark on this transformative journey and make a lasting impact on both a personal and societal level.

Furthermore, I am confident that my unique blend of academic achievements, hands-on experience, and entrepreneurial spirit will enrich the academic community and contribute to the vibrant exchange of ideas. As a proactive collaborator and passionate advocate for technological innovation, I look forward to actively engaging with fellow scholars, faculty members, and industry partners to foster a culture of creativity, excellence, and social responsibility. By embracing

diverse perspectives and harnessing collective expertise, I am eager to make meaningful contributions not only to my academic pursuits but also to the broader intellectual and societal discourse surrounding AI, ML, and their transformative potential.