STATEMENT OF PURPOSE

I am Sajin Xavier, hailing from the vibrant district of Ernakulam, Kerala, where my academic and professional journey began and flourished. With a foundational education rooted in my hometown, I graduated from St. Joseph's Higher Secondary School, Koonammavu with 95.6% in my X standard and 89% from St. Philomina's Higher Secondary School in my XII examinations.

My academic path led me to St. Albert's College (Autonomous), Ernakulam, where I earned my Bachelor of Science in Physics with a focus that eventually pivoted towards the enigmatic world of computer science during my final semester. This shift was sparked by my initial foray into programming, particularly Java, which captivated my interest and directed my career trajectory towards computational sciences. Following my graduation, I pursued a Master of Computer Application at Amrita School of Computing, affiliated with Amrita University, where I graduated with an impressive CGPA of 8.86, securing the second rank in my class.

During my postgraduate studies, I not only deepened my understanding of computer science but also spearheaded a significant research project developing a machine learning model for Real-time Hand Gesture Recognition using MediaPipe and Artificial Neural Networks. This project underscored my burgeoning interest in artificial intelligence, particularly in the realms of computer vision and data analysis.

To further hone my skills, I completed a certification in Penetration Testing from RedTeam Hacker Academy and am currently pursuing an Ethical Hacker certification (CEH) at the same institution. My academic tenure included a pivotal machine learning course during my third semester and an elective in Natural Language Processing, both of which were instrumental in shaping my interest in AI.

Motivated by the high-quality education system in Austria, I am eager to pursue a Master's in Artificial Intelligence at Vienna University of Technology. Austria's international student-friendly policies and the excellence in research and educational opportunities it offers make it an ideal location for my studies. Vienna University of Technology, with its renowned program in Artificial Intelligence, is perfectly aligned with my academic interests and professional aspirations.

I am eager to enroll in the master's program in Artificial Intelligence at Vienna University of Technology, Austria, which I view as a pivotal step in my professional development. My commitment and resilience equip me to tackle the inevitable challenges on my path to becoming a distinguished AI expert. I have a keen interest in advancing my education in an innovative and supportive academic setting, such as that offered by your institution. Your master's program is particularly appealing because it emphasizes personalized learning experiences, leverages cutting-edge technology, and trains students using sophisticated AI methodologies. This approach will enhance my understanding of key areas including machine learning algorithms, neural networks, and data analytics. Additionally, the program promises to broaden my expertise through comprehensive coursework on computer vision, natural language processing, and robotic automation. I am excited about the hands-on experiences and instructional strategies your faculty

employs, which I believe will significantly contribute to my ability to impact the field of Artificial Intelligence positively. My enthusiasm for this field, combined with my academic and practical background, aligns perfectly with the demands of this program. Becoming a part of your academic community would not only fulfill a critical educational goal but also mark a crucial advancement in my journey as an AI professional.

With a steadfast commitment to excellence and a fervent zeal for knowledge, I am poised to embark upon this transformative journey towards mastering the nuances of Artificial Intelligence. My ultimate aim is to leverage my skills and expertise to contribute meaningfully to the AI landscape, enhancing computational capabilities and driving innovation in intelligent systems.

I am particularly excited about the university's teaching methodologies and the potential to expand my knowledge and skills in a highly advanced environment. The program's focus on cutting-edge research and innovative applications promises not only to enhance my capabilities but also to enable me to contribute meaningfully to the community and the field of AI.

As I aspire to delve deeper into the intricacies of Artificial Intelligence, I am confident that the education at Vienna University of Technology will be a significant milestone in my career, equipping me with the expertise to face the challenges of the future.

Thank you

Sajin Xavier