

STATEMENT OF PURPOSE

I am Sajin Xavier, from the vibrant district of Ernakulam, Kerala, India. My academic journey began at St. Joseph's Higher Secondary School, Koonammavu, where I achieved 95.6% in my X standard and continued at St. Philomina's Higher Secondary School, securing 89% in my XII standard.

I pursued a Bachelor of Science in Physics at St. Albert's College (Autonomous), Ernakulam, affiliated with Mahatma Gandhi University. During my final semester, my focus pivoted to computer science, sparked by an interest in programming, particularly Java. This newfound passion led me to pursue a Master of Computer Application at Amrita School of Computing, Amrita University, where I graduated with a CGPA of 8.86, securing the second rank in my class.

In my postgraduate studies, I deepened my understanding of computer science and led a significant research project on developing a machine learning model for Real-time Hand Gesture Recognition using MediaPipe and Artificial Neural Networks. This project highlighted my interest in artificial intelligence, particularly in computer vision and data analysis.

My academic journey included a pivotal machine learning course during my third semester and an elective in Natural Language Processing, both crucial in shaping my interest in AI.

I am motivated to pursue a Master's in Data Science at Vienna University of Technology, Austria, due to its high-quality education system and renowned research opportunities. The program aligns perfectly with my academic interests and professional aspirations.

Vienna University of Technology's master's program in Data Science is particularly appealing because it emphasizes personalized learning experiences, leverages cutting-edge technology, and trains students using sophisticated data science 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 data mining. I am excited about the hands-on experiences and instructional strategies employed by the faculty, which I believe will significantly contribute to my ability to impact the field of Data Science positively.

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 Data Science. My ultimate aim is to leverage my skills and expertise to contribute meaningfully to the Data Science 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 Data Science.

As I aspire to delve deeper into the intricacies of Data Science, 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