

Statement of Purpose

My name is **Chandana Mysore Kumar**, and I am a resident of Karnataka, India. I wish to express my genuine interest in applying for the **master's program in Artificial Intelligence at the Friedrich-Alexander-University, Germany**. Here is my brief profile:

- **Bachelor of Science in Physics, Mathematics and Computer Science (PMCs) from the University of Mysore, Karnataka, India, with a score of 8.44 CGPA.**
- **Internship at TwiLearn Edutech Private Limited, India, in the role intern in Data Science.**
- **IELTS overall score of 6.5/9.**
- **Basic German Language course (A2) score of 74/100.**

Throughout my academic journey, I have developed a strong foundation in the principles of physics, mathematics, and computer science, which has fuelled my passion for following a career in the field of artificial intelligence (AI). I am fascinated by the interdisciplinary nature of AI, which includes combining the rigorous mathematical modelling with practical computing applications. My bachelor's coursework in python programming and system software has equipped me with the technical skills that are necessary for AI development.

Additionally, I have also gained practical experiences through multiple internships, including UTAME Organization's event "The Mongoose Trail," Obrats Organization's event "Obrats OCR," and an internship in data sciences at TwiLearn Edutech Private Limited. My internship experiences have given me a hands-on exposure to data science and reinforced my desire to specialise in AI. From machine learning and deep learning to neural networks and large language models, AI has endless possibilities and potential to create intelligent systems that can learn, adapt, and improve over time. Pursuing a master's program in artificial intelligence will allow me to develop advanced technical skills and contribute to the advancement of technology.

Friedrich-Alexander-University (FAU) stands out as an ideal choice for pursuing my master's education due to its dynamic, state-of-the-art curriculum and its emphasis on bridging theory with real-world applications. FAU's program is appealing as it is designed to provide graduates with a solid understanding of the academic methodologies in AI and the diversity of application domains. FAU's focus on the constructive modelling and implementation of algorithms, data structures, neural networks, and their respective applications resonates with my desire to gain expertise in both the symbolic and sub-symbolic AI. The opportunity to work on the cutting-edge projects in FAU's labs will allow me to apply my theoretical knowledge to practical challenges.

I chose Germany for my higher education due to its reputation as a global leader in technology and innovation. Germany's strong emphasis on research and development, coupled with the University's reputation for excellence in education further strengthens my decision to pursue my master's degree at Friedrich-Alexander-University. Upon the completion of my master's in AI at FAU, I aspire to work as an AI researcher. I am particularly interested in exploring applications of AI in robotics and bioinformatics etc. By combining my technical expertise with a deep understanding of AI principles, I aspire to make significant contributions to development of intelligent systems that makes positive impact on the society.

During my Masters in AI, I'll delve into the intricate realms of machine learning, deep learning, natural language processing, and computer vision. I'll unravel the mysteries of neural networks, mastering algorithms that simulate human intelligence. Through hands-on projects and research, I'll learn to develop innovative AI applications that solve real-world problems. Alongside, I'll grasp the ethical implications of AI, ensuring my creations benefit humanity responsibly. Overall, I'll emerge equipped to pioneer advancements in AI, shaping the future with technology that enhances lives.

Thank you for considering my application.

Chandana Mysore Kumar