Letter of inspiration

Pranav Prakash Menon here is writing to say how really interested I am in **Master of Computer Science at Saarland University.** I completed the **IELTS exam with an overall score of 8.0 bands,** including a perfect score of 9.0 in Listening and good marks in Speaking, Reading, and Writing, so qualifying for this program. Having studied English in English medium for sixteen years has helped me to be ready for this next phase of my scholastic path.

Selecting Saarland University was a well-considered choice motivated by several compelling reasons. Particularly in the subject of computer science, the institution is well-known for its great emphasis on research and useful application. The facilities and tools of the institution create a perfect setting for creative research and learning. Furthermore, the contacts of Saarland University with leading companies offer great chances for project experience, networking, and internships. The prospect of being a member of a scholarly community this vibrant excites me.

Germany's stellar reputation for higher education—especially in the realm of computer science—led me to decide to apply there. Among the best institutions in the world, Germany boasts those with strong academic standards and creative research practices. Germany offers a great environment for learning computer science, which has many practical uses as one of the biggest and most steady economies in the world. Leading technical innovators in the nation provides an inspiring setting for education and use of fresh technology. Immersion in the rich and varied German culture will help me both personally and professionally grow much more significantly.

Combining academic interests with personal experience led me to decide on a master's degree in computer science. Growing up, I saw how increasingly important cybersecurity is in our digital age—especially following the identity theft of a close relative. This event set off my quest to learn about and fight cybercrime. My academic path at IST also exposed me to the intriguing fields of artificial intelligence and cryptography, where I saw the possibility to produce significant answers. At the University of Saarland, classes like "Advanced Algorithms" and "Network Security" fit exactly my interests. The chance to work on initiatives simulating real-world cybersecurity concerns excites me especially since it will provide me both technical knowledge and problem-solving abilities

From SRM Institute of Science and Technology, Tamil Nadu, India, I obtained my **Bachelor of Technology in Computer Science and Engineering** with a concentration on Cybersecurity graduating in May 2024 with a CGPA of **8.89 (German equivalent: 1.55).** This shows my solid computer science theoretical basis. Before that, I scored **90.16% (German equivalent: 1.44)** on the Senior School Certificate Examination (Class 12th) taken through the Central Board of Secondary Education in Delhi, India. Starting with the All India Secondary School Examination (Class 10th), also from the Central Board of Secondary Education, I scored **94% (German equivalent: 1.27** in May 2018).

My dreams have also been greatly influenced by my work experience. From June 2023 until December 2023, I **interned at IDS Staffing LLC** as a **Development Intern** working on real-time multiplayer gaming backends utilizing Elixir and Phoenix for mass concurrency. Using Play Canvas, I also created interactive 2D games and cut reliance to increase load performance by 15% with sleek native animations. Working together with the design team, I combined technical capability with artistic components to produce coherent and aesthetically pleasing end products. Along with various technical qualifications, I have **Red Hat® Certified System Administrator (RHCSA®), Machine Learning** from Stanford University, and AWS Academy **Cloud Operations**. My bachelor's project on **"Credit Card Fraud Detection using Ensemble and Deep Learning"** improved detection accuracy and provided strong solutions addressing the difficulty of spotting fraudulent transactions in the banking industry.

My internships and professional experience drove me to choose this degree since they piqued my great interest in employing analytical methods to handle corporate challenges. This led me to look for a master's program at Saarland University that blends research and pragmatic analytics operations. Particularly appealing to me are courses including Advanced Analytical Techniques, Data-Driven Decision making, and Research Skills. These learning results will equip me with high-level information and enable me to operate in the future more successfully.

Being a top expert in computer science will be my ultimate professional aim since it will enable strategic judgments and aid to maximize corporate processes. Working as a consultant, I would help companies make use of data to support effectiveness and creativity. The Master's program at Saarland University will, in my opinion, provide the required knowledge and abilities to reach these goals. Studying in Germany will allow me the chance to work in an exciting surroundings surrounded by professionals and innovative technologies.

I value your giving my application some thought. The chance to learn from and help the renowned professors and varied student body at Saarland University excites me.

Sincere,
Pranav Prakash Menon