



Department of Computer Science,
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TO WHOM IT MAY CONCERN

I am pleased to recommend Mr. Muhammad Ibrahim for admission to your graduate program. I have known Ibrahim as his instructor for the Graph Theory course at COMSATS University Islamabad, where he demonstrated outstanding academic performance, earning an A grade with a GPA of 4.0/4.0.

During the course, he developed a strong grasp of complex graph theory concepts, including shortest path algorithms, network flows, and advanced graph algorithms. What distinguished Ibrahim was his ability to connect theoretical foundations with practical applications, particularly in artificial intelligence and data science. His assignments and projects frequently explored how graph structures can be applied to AI problems such as optimization, network analysis, and knowledge representation, reflecting both creativity and strong conceptual understanding.

Beyond the classroom, Ibrahim has actively pursued research and practical experience through an AI-focused internship at the Medical Imaging and Diagnostics Lab (NCAI), where he applied machine learning techniques to real-world datasets. He has also completed independent projects involving machine learning, natural language processing, and blockchain systems, demonstrating initiative, strong technical capability, and clear research potential. His ability to bridge theoretical concepts with practical implementation is a rare and valuable strength at the undergraduate level.

Ibrahim is a motivated and intellectually curious student. Based on his academic excellence and commitment to continuous learning, I am confident that he will thrive in your graduate program and contribute meaningfully to your academic community.

Regards,


Dr. Malik Ahmad Kamran,
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