Date: November 25, 2025

To Whom It May Concern,

It is with distinct pleasure that I support the application of Mr. Aashan Javed for graduate studies at your university. As a Lecturer in the Department of Computer Science, I evaluate students not only on their technical implementation but on their capacity to synthesize information and lead collaborative efforts. Aashan is a student who stands out because he approaches coursework with the rigor of a researcher rather than just a developer.

My assessment of Aashan is based on his capstone work in my Information Security course, where he earned an "A" and ranked in the top 5% of the class for his technical strength and consistently high-quality work. In the group project on building a machine-learning–based IDS, he became the technical anchor, contributing beyond his assigned modules and ensuring the data preprocessing pipeline aligned smoothly with model training. His ability to coordinate complex technical workflows clearly demonstrates his readiness for collaborative research environments.

Aashan's research report was exceptionally thorough. He reviewed 55 studies (2000–2007), identified key gaps, especially high false-positive rates in anomaly-based detection and even proposed forward-looking ideas like using GNNs and Federated Learning. He translated complex technical findings into clear insights, comparing Random Forest and SVM models with attention to sensitivity, specificity, and overall robustness rather than just accuracy. His explanation of the NSL-KDD preprocessing challenges further demonstrated his strong grasp of both data integrity and analytical rigor.

Beyond his technical work, Aashan was an active member of the campus community. He demonstrated leadership by organizing technical and debate events for NaSCon (our university's flagship event) and showed a strong commitment to social service through his volunteering with the Alkhidmat Foundation.

Throughout the course, he consistently met deadlines and managed the pressure of concurrent assignments with composure. I recommend Aashan Javed without reservation. His blend of technical competence, research curiosity, and collaborative leadership will make him a valuable asset to your academic community.

Sincerely,

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