I am writing to you in support of Abida Sanjana Shemonti and her desire to attend your renowned university for the graduate program in computer science. She has obtained her B.Sc. in Computer Science and Engineering from Bangladesh University of Engineering and Technology. She graduated with a CGPA 3.98 out of 4.00, securing the 2nd position out of 136 students in her class. After graduation, she has been appointed in the aforementioned department as Lecturer.

As a Professor of Computer Science and Engineering at Bangladesh University of Engineering and Technology, I have interacted with Abida in several contexts: as a teacher, thesis supervisor, and a colleague. I first met Abida in my Structured Programming Language course during her 2nd semester. She showed the remarkable capability of following lectures and participated in meaningful ways. She was also my student in Theory of Computation course during the 4th semester. She excelled in both the courses with high grades. Throughout her undergraduate studies, she received University Merit Scholarship and Dean's List Award for praiseworthy academic performances.

As supervisor of her undergraduate thesis, I witnessed Abida in her first research endeavors. Similar to other students, she struggled with finding an appropriate topic. After several literature reviews and group presentations, she chose to work on Protein Structure Prediction. Prediction of protein structures is highly important in drug and enzyme designing, so working for achieving better accuracy of prediction was a thoughtful approach. Along with two of my other students, she designed a Secondary Structure Predictor for protein by incorporating an estimation of energy, PSEE (Position Specific Estimated Energy) on another Balanced Secondary Structure Predictor MetaSSPred, to develop a new predictor PSEESSPred, that performed better than state-of-the-art predictor SPINE X and MetaSSPred. This experience has instilled in her critical thinking and problem-solving skills important for a career in research.

As a lecturer Abida is dedicated to conducting her courses and mentoring students. She is punctual and dependable about official responsibilities. She is well-organized for serving a variety of committees and event planning. At a personal level, Abida is disciplined and cooperative, with a pleasant personality. I'm sure you will find her to be a highly motivated, competent and committed student who will grow into a successful researcher. I feel she is well-suited for the program and so I recommend without hesitation she be given the opportunity to attend your university with possible financial assistance. Please feel free to contact me if you require further information.

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