**Letter of Recommendation**

It is my pleasure to write a letter of recommendation for Md. Tawkat Islam Khondaker, who is applying at your esteemed institution for pursuing his graduate studies. I have known him for more than one and a half year, as he was actively involved in several research projects of mine. From my experience with him, I have found him to be intelligent, modest and hard-working. I have no reservation in claiming that, if given the opportunity, he would be a valuable member of your prestigious university as a graduate student.

When Tawkat was in third year of his undergraduate program, I was going to start a very challenging software project on autonomous code review usefulness measurement and was looking for highly dedicated students having creativity as well as strong motivation for machine learning. Being a junior year student, Tawkat did not have the basic knowledge of machine learning but he was very enthusiastic to learn the core concept and implement it. But with my utter surprise, I found that, he implemented the complete project with additional and advanced features. From this I understood his affinity for machine learning.

Tawkat approached me for his undergraduate thesis program to work in a research on “Automated Fake News Detection and Tracing User Propagation on Social Media”. Existing works in this field mostly focus on detecting fake news on a particular topic. But within six months, he created a combined corpus and performed an in-depth performance analysis. He investigated different machine learning approaches within six months and implemented some new approaches which have not been used in fake news detection yet. He started to assemble his findings and soon we are going to submit this work for review. Tawkat still continues his fact findings and he is now working on a new idea of tracing propagation of biased news through public figures on social media. I am hopeful that he can formulate some innovative findings.

Tawkat is also working with me on “Autonomous Code Review Usefulness Measurement and Review Categorization with Code Correction Suggestion” at Samsung R&D Institute Bangladesh. Tawkat and his thesis mate are the only two students from the current undergraduate program who got selected as research assistants in such a prestigious research organization. Tawkat already developed interactive software to extract code reviews from the organization’s authenticated Gerrit server and performed usefulness measurement with statistical analysis of the code reviewers’. This program has been accepted by the organization and will be deployed soon for reviewer performance analysis.

Tawkat is a dedicated person with an aptitude for research. He manages to swiftly carry out his research work. To me, that is an indicator of his will for carrying out research. His inquisitiveness and eagerness set him apart from his peers. He is always eager to learn about new things, propose new ideas for his research and work on them persistently. He is assiduous in his work and highly self-motivated. He has shown capacity of quick grasp on complex concept, confidence in exploring different areas of knowledge and, focus on completion of the work. His impeccable work ethics, attention to details and, extreme diligence makes him stand out in the crowd. He has the intellectual capacity and immense curiosity to be an excellent researcher. I firmly believe that he would be an asset to your university as a graduate student. Therefore, I wish him all the success and strongly recommend him for the highly-reputed graduate program of your university without any hesitation.

Feel free to contact me if you have any further information you need from me about him.