**Letter of Recommendation**

I am very happy to know that Shusmoy Chowdhury is applying for admission into your highly-reputed Master's program in Computer Science. I am glad to put forward a recommendation in favor of his candidacy for admission in the graduate program. I first came to know him when I was teaching Object Oriented Programming course in the 2015-16 session. He was also in one of my labs when I took the Object Oriented Programming Sessional Course. He was also in my theory course Computer Architecture. I got to know about the abilities and intelligence of Shusmoy while taking these courses.

Shusmoy was very hardworking and creative in working with his ideas. I first came to know about creativity in the object oriented program sessional. In BUET we encourage students to do different software projects in the sessional. So in my object oriented sessional we gave the students a project of their own choice. Shusmoy was very hardworking in doing the project. He along with his project partner worked on creating a LAN Messenger using JAVA. The students were taught JAVA first time in their Object Oriented Programming theory course by me. But it was surprising that Shusmoy and his partner was very effective and efficient in learning JAVA and using it in the project. Shusmoy also implemented the java socket programming in their LAN Messenger project. In the sessional I taught them about the use of Git in version controlling which would help them to work as a group. Many students didn’t follow the instruction as it was not mandatory. But Shusmoy and his partner used Git (github repository) to maintain the version controlling. They maintained most of the software engineering norms in their project. That time I felt that Shusmoy had a great potential in software engineering research.

Shusmoy was very attentive in the theory class. In the object oriented programming course he was always keen to learn all the ins and outs of the course. He always asked innovative and useful question about the course in the class. He ran every code I taught in the class and came to me with the problems he had in solving similar problems. I was very happy to see his dedication for the course. I saw many students who can write code properly in the IDE but cannot do it in the answer sheets of the exam. Shusmoy was one of the students who can write it in both IDE and answer sheets. This proves that Shusmoy got a very good knowledge about the syntax of the programming language. He also got good grades in the theory course of object oriented in programing.

I also took the computer architecture course. In the beginning of the course Shusmoy didn’t do very well. The first class test was pretty much disaster for him. Then he came to me to take advice how to improve his situation and do well in this course. I gave him some practical advice and also provided him some resource to learn the course in more details. Following my advice he was improving in the course and finally got good grade in that course.

Shusmoy also had a very good organizing and leadership qualities. His batch organized the "CSE Festival 2018" under the banner of Department of Computer Science and Engineering, BUET. He along with his batch mates came to me for advice how to organize the program. Finally they organized a very good CSE Festival which consist Programing Contest, Robotics Contest, Hackathon, Project Show etc. He played a very good role on pulling of a successful event.

Shusmoy has an analytic mind which is suitable for research works. When he talked to me about his plan of pursuing a Master’s in Software Engineering, I applauded his plan and encouraged him as I believe he possesses all the qualities to be a self-motivated researcher. His problem-solving skills, enthusiasm, hardworking capability, commitment, and sincerity make him a great candidate for graduate schools. I think, given the opportunity, he has the potential to prove his worth in your university and hopefully, he will be considered a strong candidate for the Master’s program. I wholeheartedly recommend him to your university and wish him all the best for his promising future.

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