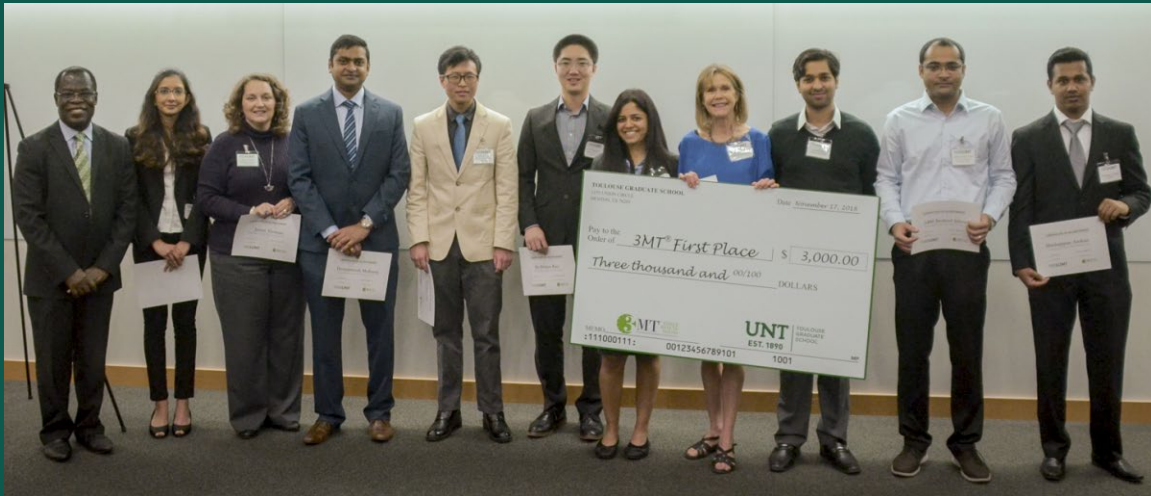# New Faculty Spotlight:
Dr. ABM Rezbaul Islam
Department of Computer Science

Kennedy Singleton | College of Science & Engineering Technology |
Sam Houston State University

Dr. ABM Islam, a friendly and dedicated Assistant Professor, works in the Computer Science department where he is able to fulfill his passion of teaching his students about computer science and how the subject can be fun and enjoyable. He specializes in teaching System Engineering, Computer Programming, Analysis of Computer Software and Hardware, and all things computer science. Dr. Islam has been working at Sam Houston State University since the fall semester of 2019 and says that he is very fond of the "healthy and positive environment" that Sam Houston has provided for him as his workplace. He enjoys learning and appreciates having the ability to pursue his passion through his career. Computer science is only one of the many things that he enjoys in his free time. Dr. Islam also loves to write poetry, watch movies, and play sports like soccer, cricket, and badminton.

Dr. Islam grew up in Bangladesh, a country where he says "everyone has to work hard to make a good life for themselves." Luckily, he had amazing parents and a wonderful wife who supported him and sacrificed a lot to see him succeed in his education and career. He also says that his wonderful parents are "the biggest factor that makes me what I am today." He is very grateful to have received the love and support he needed to reach his highest ambitions and aspirations.

Having earned a bachelor's degree from Bangladesh (2008), a master's degree from South Korea (2012), and a Ph.D. from UNT (2019); clearly, Dr. Islam was clearly devoted to earning his degrees in higher education. Not only did he pursue his education, but he also earned scholarships for his master's and Ph.D. degrees based on his research publications. He was also a finalist in a 3-minute thesis competition during his Ph.D. at UNT.

(Doctoral students competed in Toulouse Graduate School's annual Three Minute Thesis (3MT®) competition on November 17, 2019. Dr. ABM Islam- 2nd from the left)

Dr. Islam has a specific research interest in furthering his knowledge of the machine learning technique and using it to combat real world problems. Currently, he uses the machine learning technique to analyze images, but plans to successfully use this technique implemented on videos as well (specifically targeting skin detection in computer vision). His ultimate goal is to have the machine learning technique used on videos, to reduce child pornography on the internet.

As a man who enjoys early mornings lead with prayer and a good breakfast, Dr. Islam is an interesting individual who does not exclude himself from enjoying all that life has to offer. Whether it may be listening to music or sharing poetry with others, Dr. Islam is a walking inspiration. He has worked hard and proven that where you start does not have to limit where you end.

Interesting Facts

Favorite Music?

"Anything from Bengali to Hindi to English."

Any Hobbies?

"I used to perform poetry when I was in college, I even hosted a radio show for some time in Dallas."

Favorite Non-Academic Book?

"The Solitaire Mystery by Jostein Gaarder and other fantasy and philosophy books."

Favorite Places to Live?

"Places by large bodies of water. Like Bangladesh, Florida, etc."