A Short Biography of **Asif Ahmed Neloy**

Asif Ahmed Neloy is a second year MSc student at the Department of Computer Science, University of Manitoba. Before attending to UofM, Asif received his Bachelor of Science Degree in Computer Science and Engineering (BS CSE) from North South University, Dhaka, Bangladesh. Currently, Asif is serving as Teaching Assistant and Marker at the Dept of Computer Science, University of Manitoba. Asif recently graduated from NSERC Create The Visual and Automated Disease Analytics (VADA) Program where he served as a Graduate Trainee.

Asif's multidisciplinary research area encompasses a broad domain of both Supervised and Unsupervised Machine Learning. He is particularly interested in problems related to Probabilistic and Bayesian Modeling, Anomaly Detection, Dimension Reduction, and interdisciplinary applications of Auto-Encoders. Currently, Asif is investigating architectures of various auto-encoders to improve the task of unsupervised anomaly detection. Part of his research focuses on statistical interpretation and visualization of unsupervised machine learning as well as resolving reproducibility issues of deep learning algorithms.