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Subject: Application for the position of Assistant Professor.

Dear Sir/Madam:

Please find my application materials for the position of Assistant Professor at School of Computer Science and Engineering in Nanyang Technological University (NTU).

My primary areas of interest are fairness and explainability in machine learning. In my dissertation research, I focus on fairness verification, sources of unfairness identification, and explainable rule-based machine learning. In my research, I closely integrate automated reasoning, formal methods, and statistics with fairness and explainability in machine learning for scalable and accurate solutions.

My research has thrived through multiple collaborations and internships in industry and academia. We have published our works at premier conferences and journals in artificial intelligence and machine learning (AAAI-2022, 2021, 2020, JAIR-2022, ECAI-2020, AIES-2019) and databases (VLDB-2018, TSAS-2022).

My application materials are also available from my website https://bishwamittra.github.io.

I would be grateful if you would consider my application favorably.
Sincerely yours,

Bishwamittra Ghosh