Bishwamittra Ghosh
Curriculum Vitae

Personal Details

Contact Address:
Utown residence, 36 College Ave East, North tower, #19-207C, Singapore 138600
Email: `bishwa@comp.nus.edu.sg`
Phone: +65 85990160
Date of Birth: 28 November 1995

Research Interest

My research interest is in interpretable machine learning using different combinatorial optimization frameworks, for example, MaxSAT, MILP.

Education

National University of Singapore, Singapore   2018 - Present
Ph.D. candidate in Department of Computer Science

Bangladesh University of Engineering and Technology, Bangladesh   2013 - 2017
BSc. with Honors degree in Computer Science and Engineering

Publications

Publications are listed in reverse chronological order.

Conference papers

[C1] Classification Rules in Relaxed Logical Form
      Bishwamittra Ghosh, Dmitry Malioutov, Kuldeep S. Meel
      Proceedings of ECAI, 2020

[C2] A MaxSAT-based Framework for Group Testing
      Lorenzo Ciampiconi, **Bishwamittra Ghosh**, Jonathan Scarlett, Kuldeep S. Meel
      Proceedings of AAAI, 2020

[C3] IMLI: An Incremental Framework for MaxSAT-Based Learning of Interpretable
      Classification Rules
      Bishwamittra Ghosh, Kuldeep S. Meel
      Proceedings of AAAI/ACM Conference on AI, Ethics, and Society (AIES), 2019

Journal papers

[J1] The Flexible Socio Spatial Group Queries
      Bishwamittra Ghosh, Mohammed Eunus Ali, Farhana M. Choudhury, Sajid Hasan Apon, Timos
      Sellis, Jianxin Li
      Proceedings of the VLDB Endowment (PVLDB), 2019

Professional Experiences

Conference Talks
IJCAI-2019, VLDB-2019, AIES-2019, CP-2019

Graduate Assistant, National University of Singapore   2018 - Present
CS2030 Programming Methodology II