Bishwamittra Ghosh
Curriculum Vitae

Personal Details

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Date of Birth: 28 November 1995
Website: https://bishwamittra.github.io/

Research Interest

My research interest is in explainable and fair machine learning using formal methods in Computer Science.

Education

National University of Singapore, Singapore   2018 - Present
Ph.D. candidate in School of Computing

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

Selected Publications

[1] Justicia: A Stochastic SAT Approach to Formally Verify Fairness
Bishwamittra Ghosh, Debabrota Basu, Kuldeep S. Meel
Proceedings of AAAI, 2021

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

[3] IMLI: An Incremental Framework for MaxSAT-Based Learning of Interpretable Classification Rules
Bishwamittra Ghosh, Kuldeep S. Meel
Proceedings of AIES, 2019

[4] 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
AAAI-2021, ECAI-2020, AAAI-2020, CP-2019, VLDB-2019, IJCAI-2019, AIES-2019

Research Fellowship
Max Planck Institute For Software Systems, Kaiserslautern, Germany   2020

Graduate Assistant
School of Computing, National University of Singapore   2018 - Present

Reference

Kuldeep S. Meel
Sung Kah Kay Assistant Professor
School of Computing
National University of Singapore

Daniel Neider
Research group leader
Max Planck Institute For Software Systems, Kaiserslautern, Germany