Jiong Yang

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Education

Present	**National University of Singapore** – Singapore PhD in Computer Science Advisor: Kuldeep S. Meel
2016 – 2020	**Xi'an Jiaotong University** – Xi'an, China BEng in Computer Science (Honors) *GPA: 4.02/4.3 or 92.53/100, Rank: 1/31* .

Publications

2023   **Explaining SAT Solving Using Causal Reasoning**
Jiong Yang, Arijit Shaw, Teodora Baluta, and Kuldeep S. Meel.
International Conference on Theory and Applications of Satisfiability Testing (SAT)

2023   **Rounding Meets Approximate Model Counting**
Jiong Yang and Kuldeep S. Meel.
International Conference on Computer Aided Verification (CAV)

2022   **Projected Model Counting: Beyond Independent Support**
Jiong Yang, Supratik Chakraborty, and Kuldeep S. Meel.
International Symposium on Automated Technology for Verification and Analysis (ATVA)

2021   **Engineering an Efficient PB-XOR Solver**
Jiong Yang and Kuldeep S. Meel.
International Conference on Principles and Practice of Constraint Programming (CP)

2020   **Learning Formatting Style Transfer and Structure Extraction for Spreadsheet Tables with a Hybrid Neural Network Architecture**
Haoyu Dong, Jiong Yang, Shi Han, and Dongmei Zhang.
International Conference on Information and Knowledge Management (CIKM)

Honors and Scholarships

2021	President's Graduate Fellowship
2020	Outstanding Graduates
2019	Undergraduate Special Scholarship

2018   National Scholarship

Awards

2019   Gold Medal, ICPC China Xian National Invitational Programming Contest

2018   Silver Medal, The ACM-ICPC Asia Regional Contest

2017   Silver Award, CCF Collegiate Computer Systems and Programming Contest

2017   Regional 1st Prize, China Undergraduate Mathematical Contest in Modeling

Experience

Summer 2023   **Amazon Web Services** – San Francisco Bay Area, USA
Summer 2022   Applied Scientist Intern in Automated Reasoning Group
               Manager: Bruno Dutertre

Spring 2023   **Simons Institute** – UC Berkeley, USA
               Visiting Graduate Student in Extended Reunion: Satisfiability

Summer 2019   **Microsoft Research** – Beijing, China
               Research Intern in Data Knowledge Intelligence Group
               Mentor: Haoyu Dong

Service

Webmaster: SAT 2022 and Meel Group.

Reviewer: NeurIPS 2023, CAV 2023, SAT 2023, and NeurIPS 2022.