RUI (RAY) ZHANG

CONTACT INFORMATION

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EDUCATION

Monash University, Melbourne, VIC, Australia	2019.09 -
Ph.D. student in **Mathematics**	Supervisor: Nick Wormald, Mikhail Isaev
Institute of Computing Technology, CAS, Beijing, China	2016.09 - 2019.06
M.S. in **Computer Science**	Supervisor: Xingwu Liu
University of Washington, Seattle, WA, U.S.A.	2014.09 - 2015.06
Exchange Program (Tuition-free)	
Sichuan University, Chengdu, Sichuan, China	2012.09 - 2016.06
B.S. in **Physics** (Mount Ever Project)	1st Rank

RESEARCH INTERESTS

Random Graphs, Probabilistic Method, Concentration Inequalities, Randomized Algorithms, Learning Theory

PUBLICATIONS AND PREPRINTS

McDiarmid-Type Inequalities for Graph-Dependent Variables and Stability Bounds
(with Xingwu Liu, Yuyi Wang, Liwei Wang)
In Advances in Neural Information Processing Systems (NeurIPS), 2019. Accepted.
Spotlight: 164 out of 6,743 submissions (2.43%)

TEACHING

Teaching Assistant, Institute of Computing Technology, CAS

Advanced Algorithms	Spring 2019
Probabilistic Method and Random Graphs	Autumn 2018

HONORS AND AWARDS

Monash Research Scholarships (Tuition, Insurance and Stipends)	2019
UCAS Graduate Student Scholarship (7,500 RMB/Y)	2016/2017/2018
Sichuan University Outstanding Graduate	2016
Sichuan University Mount Ever Project Scholarship (8,000 RMB/Y)	2012/2013/2014/2015
University of Washington Dean's List	Autumn 2014/Winter 2015
National English Competition (non-English major), Third price	2014
National College Mathematics Competition (non-math major), Third price (Sichuan province)	2013
Chinese Physics Olympiad, First price (Shanxi province)	2011

SKILLS

Proficient	LaTeX
Experienced	Python, R, Matlab, Bash, Java, C/C++, SQL, HTML/CSS/JS, OpenCV, PyQt
Standardized test	TOEFL:101 (26/29/23/23); GRE:155/170/4.0; GRE Math Sub:790 (77%)