

Linyun Yu

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WORK EXPERIENCE	Bytedance Inc. , Beijing, China Machine Learning Engineer	Jul 2017 – Present
EDUCATION	Tsinghua University , Beijing, China Ph.D. Candidate of Engineering, Computer Science and Technology in Media lab in Department of Computer Science and Technology • Advisor: Professor Shiqiang Yang	Aug 2012 – Jul 2017
	University of Miami , FL, USA Visiting Student, Department of Physics • Advisor: Professor Chaoming Song	Mar 2016 – Jul 2016
	Tsinghua University , Beijing, China Bachelor of Engineering, Computer Science and Technology in Special Pilot CS Class, Institute for Interdisciplinary Information Sciences • Supervisor: Professor Andrew Yao • Courses including Programming, Data Structure, Discrete Mathematics, Calculus and Linear Algebra	Aug 2008 – Jul 2012
	Fuzhou No.1 Middle School , Fuzhou, Fujian, China	Aug 2005 – Aug 2008
RESEARCH EXPERIENCE	<i>Social computing</i> : Social network analysis, influence modeling and prediction <i>Statistical physics</i> : Analysis of human dynamics and interactions	
PUBLICATIONS	JOURNALS	
	[J1] Linyun Yu , Peng Cui, Fei Wang, Chaoming Song and Shiqiang Yang. “Uncovering and predicting the dynamic process of information cascades with survival model”, Special Issue on the Best of ICDM 2015, in Knowledge and Information Systems (KAIS), April 2016. (regular paper, IF = 1.78, CCF B)	
	CONFERENCES	
	[C1] Yunfei Lu, Linyun Yu , Peng Cui, Chengxi Zang, Renzhe Xu, Yihao Liu, Lei Li and Wenwu Zhu. “Uncovering the Co-driven Mechanism of Social and Content Links in User Churn Phenomena”, in <i>the 25th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)</i> , Aug 2019. (<i>Applied Data Science Track</i> , CCF A)	
	[C2] Yunfei Lu, Linyun Yu , Tianyang Zhang, Chengxi Zang, Peng Cui, Chaoming Song and Wenwu Zhu. “Collective Human Behavior in Cascading System: Discovery, Modeling and Applications.”, in <i>the IEEE International Conference on Data Mining (ICDM)</i> , Nov 2018. (Best Paper Finalist , CCF B)	
	[C3] Linyun Yu , Peng Cui, Chaoming Song, Tianyang Zhang and Shiqiang Yang. “A Temporally Heterogeneous Survival Framework with Application to Social Behavior Dynamics”, in <i>the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)</i> , Aug 2017. (<i>Poster</i> , CCF A)	
	[C4] Linyun Yu , Peng Cui, Fei Wang, Chaoming Song and Shiqiang Yang. “From Micro to Macro: Uncovering and Predicting Information Cascading Process with Behavioral Dynamics”, in <i>the IEEE International Conference on Data Mining (ICDM)</i> , Nov 2015. (Best Student Paper Award , acceptance rate 8.4%, CCF B)	
	[C5] Peng Cui, Shifei Jin, Linyun Yu , Fei Wang, Wenwu Zhu and Shiqiang Yang. “Cascading Outbreak Prediction in Networks: A Data-Driven Approach”. in <i>the 19th ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD)</i> , Aug 2013. (<i>Full Paper</i> , acceptance rate 17.4%, CCF A)	
ACADEMIC HONORS & AWARDS	Best Student Paper Award for ICDM 2015 ICDM Student Travel Award	Nov 2015 Nov 2015

Three gold medals in ACM-ICPC regional programming contests (taking part only 3 times),

- 1st place at Shanghai, 2011
- 1st place at Chengdu, 2008
- 4th place at Beijing, 2008

Silver medal in *The 20th International Olympiad in Informatics (IOI)*, Aug 2008

Gold medal in *The 24th National Olympiad in Informatics*, Jul 2007

- ranking the 11th, 20 gold medals in total.
- selected into Chinese National Training Team.

OTHER HONORS & AWARDS

Member of the Winning Team of Chinese Chess, Tsinghua University May 2014

Top Scholarship for Freshman Tsinghua University 2008 – 2012

Excellent Student Leader Tsinghua University 2011

Technological Innovation Scholarship Tsinghua University 2009

Huakun Scholarship Fuzhou No.1 Middle School 2007

PROFESSIONAL AFFILIATIONS & ACTIVITIES

NOI Science Committee, Beijing, China, Student Member 2014 – 2017

Series of activities in NOI

Coach of Chinese National training Team for International Olympiad in Informatics 2013 – 2017

Data provider and judge of National Olympiad in Informatics 2008-2013 2008-2013

Data provider and judge of Chinese IOI Team Selection Contest 2012 (CTSC) 2012

Teaching students informatics in NOI Winter Camp 2009

EXTRA CURRICULAR ACTIVITIES

Science and Technology Association in Department of Computer Science and Technology, Beijing, China,

President 2011 – 2012

Vice President 2010 – 2011

Member 2009 – 2010

LANGUAGES

Chinese: Native language.

English: Intermediate (speaking, reading, writing).

SKILLS

C++, Java, Python, Javascript, MATLAB, T_EX.

INTERESTS

Football, basketball and table tennis.

Algorithm analysis.

[CV compiled on 2019-10-17]