

Zhi-ning Liu

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EDUCATION	School of Artificial Intelligence, Jilin University , P.R.China	Sep 2019 – Jul 2022
	M.Sc. in Computer Science <ul style="list-style-type: none">My recent interests include multi-task reinforcement learning and meta learningAdvisor: Dr. Yi Chang	
	School of Computer Science, Jilin University , P.R.China	Sep 2015 – Jul 2019
	B.Sc. in Computer Science <ul style="list-style-type: none">Major: Tang Ao-Qing honor program in Computer ScienceAverage Overall Score: 88.96/100GPA: 3.55/4.0	
BASIC INFORMATION	<ul style="list-style-type: none">Male, Born in Jul 13th, 1998Mandarin: native speakerEnglish: fluent (CET6 : 532 IELTS : 7.0)Programming language: Python, C++, etc.	
EXPERIENCE	<i>Machine Learning Group, Microsoft Research Asia</i>	Sep 2018 – Jun 2019
	<ul style="list-style-type: none">Research Intern (Mentor: Dr. Jiang Bian, Co-mentor: Dr. Wei Cao)My work mainly focuses on massive highly imbalance classification and its application on intelligent logistic. We proposed a general ensemble framework that can greatly boost canonical classifiers' performance on highly imbalanced data while being computationally efficient.	
	<i>Laboratory of Cybernetic Intelligence, Jilin University</i>	May 2017 – May 2018
	<ul style="list-style-type: none">Undergraduate Research AssistantWe designed and built a prototype of auto-recharge system for multi-rotor UAV, including a ground station with its control program and a vision system which was used to navigate the precision landing procedure. This project has ¥10,000 RMB funding support from the Ministry of Education.I served as the Program Leader of a 4-person group. This project finally won the outstanding student project award.	
PUBLICATIONS	"MESA: Boost Ensemble Imbalanced Learning with MEta-SAMpler"	2020
	Zhining Liu, Pengfei Wei, Jing Jiang, Wei Cao, Jiang Bian and Yi Chang, <i>in 34th Conference on Neural Information Processing Systems (NeurIPS'20, in press)</i>	
	"Self-paced Ensemble for Highly Imbalanced Massive Data Classification"	2019
	Zhining Liu, Wei Cao, Zhifeng Gao, Jiang Bian, Hechang Chen, Yi Chang and Tie-Yan Liu, <i>in 36th IEEE International Conference on Data Engineering (ICDE'20)</i>	
AWARDS & SCHOLARSHIPS	National Scholarship (1 out of 40, ¥20,000 RMB) by Ministry of Education	2019
	Undergraduate Research Scholarship (20 out of 400, ¥5,000 RMB) by Jilin University	2018
	Outstanding Student Project Scholarship (2 out of 84, ¥5,000 RMB) by Jilin University	2018
	Student Scholarship, Second Prize (Top 10%, ¥1,000 RMB) by Jilin University	2018
	National Endeavor Fellowship (Top 5%, ¥5,000 RMB) by Ministry of Education	2017
	The Individual Scholarship (For student achievement) by Jilin University	2018 & 2017
CAMPUS & PROFESSIONAL ACTIVITIES	Excellent Student Leader (For student service) by Jilin University	2019 & 2016
	Serve as Class Monitor	
	I served my class as one of two monitors and was responsible for organizing student activities. Thanks to the kind help from my classmates and professors, we successfully started TAQ-CS series Talk.	
	Serve as Reviewer	
	I am a reviewer for ACM SIGKDD, IEEE ICDM, IEEE TKDE, IEEE Trans. on Cybernetics, and Elsevier Neurocomputing etc.	
	Serve as Student Volunteer	
	I serve as a student volunteer for ACM SIGIR 2020, responsible for conference promotion and publicity.	