

Zhi-ning Liu

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EDUCATION	School of Artificial Intelligence, Jilin University , P.R.China M.Sc. in Computer Science <ul style="list-style-type: none">▪ Advisor: Dr. Yi Chang	Sep 2019 – Jul 2022
	School of Computer Science, Jilin University , P.R.China B.Sc. in Computer Science <ul style="list-style-type: none">▪ Major: Tang Ao-Qing honor program in Computer Science▪ Average Overall Score: 88.96/100▪ GPA: 3.55/4.0	Sep 2015 – Jul 2019
BASIC INFORMATION	<ul style="list-style-type: none">▪ Male, Born in Jul 13th, 1998▪ Mandarin - native speaker; English - fluent IELTS:7.0 (2017) TOFEL:109 (2021)▪ Programming language: Python, C++, etc.	
EXPERIENCE	<i>Machine Learning Group, Microsoft Research Asia</i> <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.	Sep 2018 – Jun 2019
	<i>Laboratory of Cybernetic Intelligence, Jilin University</i> <ul style="list-style-type: none">▪ Undergraduate Research Assistant▪ We 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 CNY 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.	May 2017 – May 2018
PUBLICATIONS	“Robust Ensemble Imbalanced Learning via Inter-class and Intra-class Balancing” Zhining Liu, et al. (under review)	2021
	“MESA: Boost Ensemble Imbalanced Learning with MEta-Sampler” Zhining Liu, Pengfei Wei, Jing Jiang, Wei Cao, Jiang Bian and Yi Chang, in <i>34th Conference on Neural Information Processing Systems (NeurIPS'20)</i>	2020
	“Self-paced Ensemble for Highly Imbalanced Massive Data Classification” Zhining Liu, Wei Cao, Zhifeng Gao, Jiang Bian, Hechang Chen, Yi Chang and Tie-Yan Liu, in <i>36th IEEE International Conference on Data Engineering (ICDE'20)</i>	2020
SELECTED HONORS & SCHOLARSHIPS	National Scholarship (1 out of 40, ¥20,000 CNY) by Ministry of Education	2019 & 2020
	Academic Performance Scholarship (Top 40%, ¥8,000 CNY) by Jilin University	2019 & 2020
	Master's Excellence Scholarship, First Prize (Top 5%, ¥1,500 CNY) by Jilin University	2020
	Outstanding Student Leader Scholarship (For student service) by Jilin University	2016 & 2019
	Undergraduate Research Scholarship (20 out of 400, ¥5,000 CNY) by Jilin University	2018
	Outstanding Student Project Scholarship (2 out of 84, ¥5,000 CNY) by Jilin University	2018
CAMPUS & PROFESSIONAL ACTIVITIES	National Endeavor Scholarship (Top 5%, ¥5,000 CNY) by Ministry of Education	2017
	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 publicity.	