

Zhi-ning Liu

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EDUCATION	School of Artificial Intelligence, Jilin University , P.R.China M.S. 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 B.S. 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	Sep 2019 – Jul 2022 Sep 2015 – Jul 2019
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> <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 very computationally efficient. <i>Laboratory of Cybernetic Intelligence, Jilin University</i> <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.	Sep 2018 – Jun 2019 May 2017 – May 2018
PUBLICATION	"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, <i>in 36th IEEE International Conference on Data Engineering (ICDE'20)</i>	2019
AWARDS & SCHOLARSHIPS	National Scholarship (1 out of 40, ¥20,000 RMB) by Ministry of Education Undergraduate Research Scholarship (20 out of 400, ¥5,000 RMB) by Jilin University Outstanding Student Project Scholarship (2 out of 84, ¥5,000 RMB) by Jilin University Student Scholarship, Second Prize (Top 10%, ¥1,000 RMB) by Jilin University National Endeavor Fellowship (Top 5%, ¥5,000 RMB) by Ministry of Education The Individual Scholarship (For student achievement) by Jilin University Excellent Student Leader (For student service) by Jilin University	2019 2018 2018 2018 2017 2017 & 2018 2016 & 2017
CAMPUS ACTIVITIES	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. Granted Patent and Copyrights I was granted 1 utility model patent and 3 software copyrights as the first author or first contributor. Serve as reviewer I served as a reviewer for journals IEEE TKDE, Neurocomputing and IEEE Access, etc.	