

# Zhi-ning Liu

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EDUCATION	School of Artificial Intelligence, <b>Jilin University</b> , P.R.China	Sep 2019 – Jul 2022
	<b>M.S. in Computer Science</b> <ul style="list-style-type: none"><li>My recent interests include multi-task reinforcement learning and meta learning</li><li>Mentor: Dr. Yi Chang</li></ul>	
	School of Computer Science, <b>Jilin University</b> , P.R.China	Sep 2015 – Jul 2019
	<b>B.S. in Computer Science</b> <ul style="list-style-type: none"><li>Major: Tang Ao-Qing honor program in Computer Science</li><li>Average Overall Score: 88.96/100</li><li>GPA: 3.55/4.0</li></ul>	
BASIC INFORMATION	<ul style="list-style-type: none"><li>Male, Born in Jul 13th, 1998</li><li>Mandarin: native speaker</li><li>English: fluent (CET6 : 532 IELTS : 7.0)</li><li>Programming language: Python, C++, etc.</li></ul>	
EXPERIENCE	<i>Machine Learning Group, Microsoft Research Asia</i>	Sep 2018 – Jun 2019
	<ul style="list-style-type: none"><li><b>Research Intern</b> (Mentor: Dr. Jiang Bian, Co-mentor: Dr. Wei Cao)</li><li>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.</li></ul>	
	<i>Laboratory of Cybernetic Intelligence, Jilin University</i>	May 2017 – May 2018
	<ul style="list-style-type: none"><li><b>Undergraduate Research Assistant</b></li><li>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 RMB funding support from the Ministry of Education.</li><li>I served as the <b>Program Leader</b> of a 4-person group. This project finally won the outstanding student project award.</li></ul>	
PUBLICATION	<b>"Self-paced Ensemble for Highly Imbalanced Massive Data Classification"</b> 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	<b>Undergraduate Research Scholarship, First Prize</b> by Jilin University For individual research accomplishment. (20 out of 400, ¥5,000 RMB)	2018
	<b>Outstanding Student Project Scholarship</b> by Jilin University For well accomplishment of student research project (2 out of 84, ¥5,000 RMB).	2018
	<b>Student Scholarship, Second Prize</b> by Jilin University For student achievement. (Top 10%, ¥1,000 RMB)	2018
	<b>National Endeavor Fellowship</b> by Ministry of Education For student achievement. (Top 5%, ¥5,000 RMB)	2017
	<b>The Individual Scholarship</b> by Jilin University For student achievement.	2017 & 2018
	<b>Excellent Student Leader</b> by Jilin University For student service.	2016 & 2017
CAMPUS ACTIVITIES	<b>Serve as Class Monitor</b> 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. <b>Granted Patent and Copyrights</b> I was granted 1 utility model patent and 3 software copyrights as the first author or first contributor. <b>Serve as reviewer</b> I served as a reviewer for journals IEEE TKDE, Neurocomputing and IEEE Access, etc.	