Xin Zou

E-mail: zouxin2021@gmail.com ✲ *Phone number:* +86-13037147316 ✲ *Homepage:* https://zouxinn.github.io/

Education

PhD's degree in Computer Science and Technology	*Wuhan University of China*
PhD's degree program, Average Score: 91.1	*September 2021 - June 2026*
Bachelor's degree in Software Engineering	*Wuhan University of China*
Bachelor's degree program, GPA: 3.897/4.0	*September 2017 - June 2021*

Research Interests

Statistics Learning Theory	PAC Learning, Online Learning.
Generalization Theory	Uniform Convergence, Stability, Feature Learning.
Trustworthy Machine Learning	Adversarial Robustness, Out-of-distribution Generalization.
Representation Learning	Contrastive Learning

Publications

A Boosting-Type Convergence Result for AdaBoost.MH with Factorized Multi-Class Classifiers
Xin Zou*, *Zhengyu Zhou*, Jingyuan Xu, Weiwei Liu* — *In NeurIPS 2024*

Coverage-Guaranteed Prediction Sets for Out-of-Distribution Data
Xin Zou, *Weiwei Liu* — *In AAAI 2024*

On the Adversarial Robustness of Out-of-distribution Generalization Models
Xin Zou, *Weiwei Liu* — *In NeurIPS 2023*

Generalization Bounds for Adversarial Contrastive Learning
Xin Zou, *Weiwei Liu* — *In JMLR 2023*

An Online Statistical Framework for Out-of-Distribution Detection
Xinsong Ma, **Xin Zou**, *Weiwei Liu* — *In ICML 2025*

Residual network with self-adaptive time step size
Xiyuan Li, **Xin Zou**, *Weiwei Liu.* — *In Pattern Recognition 2024*

A Provable Decision Rule for Out-of-Distribution Detection
Xinsong Ma, **Xin Zou**, *Weiwei Liu* — *In ICML 2024*

Defending Against Adversarial Attacks via Neural Dynamic System
Xiyuan Li, **Xin Zou**, *Weiwei Liu* — *In NeurIPS 2022*

Research Grants

The National Natural Science Foundation of China	Fundamental Research Project for Young Professional
The Youth Talents Support Project	Doctoral Student Special Program

Professional Services

Conference Reviewer	ICML, NeurIPS, ICLR, AAAI, IJCAI, AISTATS
Journal Reviewer	TNNLS, TMLR, Neurocomputing

Honors and Awards

Lei Jun Breakthrough Scholarship	2025
National Scholarship (For Ph.D. students)	2024
"Huawei" Scholarship	2023
Outstanding Student Scholarship, Wuhan University	2018-2020, 2023-2024
National Scholarship (For Undergraduate students)	2018

Language proficiencies

English	Keep learning
Chinese	Native speaker