Xin Zou

E-mail: zouxin2021@gmail.com ✳ *Telephone number:* +86-13037147316

Education

PhD's degree in Computer Science and Technology   *Wuhan University of China*
PhD's degree program   *September 2021 - June 2026*
Average Score: 91.1

Bachelor's degree in Software Engineering   *Wuhan University of China*
Bachelor's degree program   *September 2017 - June 2021*
GPA: 3.897/4.0

Research Interests

Statistics Learning Theory	PAC Learning, Online Learning.
Generalization Theory	Uniform Convergence, Stability, Feature Learning, and so on.
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

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

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

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

Conference Reviewer

ICML	2023-2024
NeurIPS	2023-2024
ICLR	2024-2025

Honors and Awards

"Huawei" Scholarship	2023
Outstanding Student Scholarship, Wuhan University	2018-2020, 2023
National Scholarship	2018

Language proficiencies

English	Keep learning
Chinese	Native speaker