

Xin Zou

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Education

PhD's degree in Computer Science and Technology

PhD's degree program

Average Score: 91.1

Wuhan University of China

September 2021 - June 2026

Bachelor's degree in Software Engineering

Bachelor's degree program

GPA: 3.897/4.0

Wuhan University of China

September 2017 - June 2021

Research Interests

**Statistics Learning Theory
Generalization Theory**

PAC Learning, Online Learning.

Uniform Convergence, Stability, Feature Learning, and so on.

**Trustworthy Machine Learning
Representation Learning**

Adversarial Robustness, Out-of-distribution Generalization.
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
AAAI	2025
IJCAI	2024

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