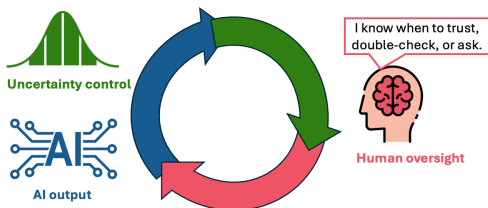# Yuanjie Shi

PhD Candidate @ Washington State University

Advisor: Prof. Yan Yan

Contact: yuanjie.shi@wsu.edu

Research Focus
Learning with Real-World Uncertainty
Uncertainty Quantification | Federated Learning |
Uncertainty-aware LLM

Uncertainty control

AI output

I know when to trust, double-check, or ask.

Human oversight

Human-AI interaction cycle with uncertainty control

Representative Works

- Uncertainty-aware LLM Alignment (Ongoing)
- Bilevel Conformal Training (ICML 2025)
- Federated Rényi Fair Inference (UAI 2025)
- Class-Conditional Conformal Prediction (NeurIPS 2024)

Slides

LinkedIn