

# Qingni Wang

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## EDUCATION

<b>China University of Mining and Technology (CUMT)</b> Bachelor's degree in Electronic Information Science and Technology	Sep 2019 — Jun 2023 Cumulative GPA: 3.86/5.00 (Rank 5/106)
<b>University of Electronic Science and Technology of China (UESTC)</b> Master's degree in Computer Science and Technology Supervised by Bo Fu	Sep 2023 — Present Cumulative GPA: 3.54/4.00

## VISITING

<b>Southern University of Science and Technology(SUSTECH)</b> Supervised by Feng Zheng	Jun 2024 — Oct 2024
<b>University of California, Santa Barbara(UCSB)</b> Supervised by Xin Eric Wang	May 2025 — Oct 2025

## RESEARCH

- Uncertainty Quantification:(1) Conformal Prediction (2) Conformal Risk Control.
- Hallucination in Question Answering (QA) Tasks of Multimodal Large Language Models (MLLMs).
- Trustworthy AI Agents: Risk-Aware Planning and Reliable Task Execution.

## PUBLICATIONS

**Published Papers:** † means equal contribution

1. **Qingni Wang**, Tiantian Geng, Zhiyuan Wang, Teng Wang, Bo Fu\*, Feng Zheng\*. Sample then Identify: A General Framework for Risk Control and Assessment in Multimodal Large Language Models. International Conference on Learning Representations (**ICLR**), **Spotlights**, 2025.
2. **Qingni Wang**, Yue Fan, Xin Eric Wang. SAFER: Risk-Constrained Sample-then-Filter in Large Language Models. **Under review**.
3. Zhiyuan Wang†, **Qingni Wang†**, Yue Zhang, Tianlong Chen, Xiaofeng Zhu, Xiaoshuang Shi\*, Kaidi Xu\*. SConU: Selective Conformal Uncertainty in Large Language Models. Annual Meeting of the Association for Computational Linguistics (**ACL**), Main, 2025.
4. Tiantian Geng, Jinrui Zhang, **Qingni Wang**, Teng Wang, Jinming Duan\*, Feng Zheng\*. LongVALE: Vision-Audio-Language-Event Benchmark Towards Time-Aware Omni-Modal Perception of Long Videos. IEEE Conference on Computer Vision and Pattern Recognition (**CVPR**), 2025.
5. Zhiyuan Wang, Jinhao Duan, Lu Cheng, Yue Zhang, **Qingni Wang**, Xiaoshuang Shi\*, Kaidi Xu, Hengtao Shen, Xiaofeng Zhu. ConU: Conformal Uncertainty in Large Language Models with Correctness Coverage Guarantees. Conference on Empirical Methods in Natural Language Processing (**EMNLP**), Findings, 2024.

## ACADEMIC SERVICES

**Program Committee Member of Conferences:**

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| • Annual Meeting of the Association for Computational Linguistics (ACL)  | 2025 |
| • Conference on Empirical Methods in Natural Language Processing (EMNLP) | 2025 |
| • ACM International Conference on Multimedia (MM)                        | 2025 |
| • International Conference on Learning Representations (ICLR)            | 2026 |

## HONORS AND AWARDS

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|-----------------------------------|------------|
| • The First Prize Scholarship     | 2020, 2021 |
| • Outstanding Student Scholarship | 2023, 2024 |
| • Academic Seedling Award         | 2025       |