

Qingni Wang

Institution: University of Electronic Science and Technology of China (UESTC)
Status: Master Degree Candidate
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EDUCATION

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

VISITING

Southern University of Science and Technology(SUSTECH) Supervised by Feng Zheng	Jun 2024 — Oct 2024
University of California, Santa Barbara(UCSB) 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 |

HONORS AND AWARDS

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