

Angxiao Yue/岳昂枭

Ph.D candidate (**will graduate in 2028**)
Gaoling School of Artificial Intelligence
Renmin University of China

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EDUCATION



Renmin University of China
Ph.D Candidate in Artificial Intelligence
Advisor: *Prof. Hongteng Xu*

Beijing, China
Sep. 2023 - Present



Beijing Institute of Technology
B.E. in Data Science and Big Data Technology
Advisor: *Prof. Dixin Luo*

Beijing, China
Sep. 2019 - Jun. 2023

EXPERIENCE

BioMap

Research Intern
Advisor: Taifeng Wang

Beijing, China
May 2024 - Dec. 2024

RESEARCH INTERESTS

Interested in the Machine Learning driven by Geometry Algebra and AI4Science.

PUBLICATIONS

- [1] **Angxiao Yue**, Zichong Wang, and Hongteng Xu. Reqflow: Rectified quaternion flow for efficient and high-quality protein backbone generation. In *International Conference on Machine Learning*. PMLR, 2025, (**ICML 2025**).
- [2] Fengjiao Gong, **Angxiao Yue**, and Hongteng Xu. An optimal transport-based latent mixer for robust multi-modal learning. In *Proceedings of the AAAI Conference on Artificial Intelligence*, volume 39, pages 16826–16834, 2025, (**AAAI 2025**).
- [3] **Angxiao Yue**, Dixin Luo, and Hongteng Xu. A plug-and-play quaternion message-passing module for molecular conformation representation. In *Proceedings of the AAAI Conference on Artificial Intelligence*, volume 38, pages 16633–16641, 2024, , (**AAAI 2024**).
- [4] Dixin Luo, Yutong Wang, **Angxiao Yue**, and Hongteng Xu. Weakly-supervised temporal action alignment driven by unbalanced spectral fused gromov-wasserstein distance. In *Proceedings of the 30th ACM International Conference on Multimedia*, pages 728–739, 2022, (**ACM MM 2022**).

PATTERN

- D. Luo, H. Xu, Y. Wang, **Angxiao Yue**. 2022. A Retrieval Method. CN Patent ZL 202211404021.0.
- D. Luo, H. Xu, Y. Wang, **Angxiao Yue**. 2022. A Video Understanding Method. CN Patent ZL 202211405957.5.

TEACHING EXPERIENCE

Teaching Assistant, Renmin University of China
Course Name: Fundamentals of Machine Learning
Instructor: Hongteng Xu

Mar. 2025 - Jun. 2025

Teaching Assistant, Renmin University of China
Course Name: Intelligent Medicine
Instructor: Hongteng Xu, Hailun Liang

Seq. 2023 - Dec. 2023