

Yihang Du

☎ 15623598559 | 🏠 yihdu.github.io | ✉ duyihangzjj@163.com

Education

The Chinese University of Hong Kong, Shenzhen (CUHK-SZ) Ph.D. Student in Computer Science Advisor: Prof. Benyou Wang	Shenzhen, China 2026 - 2031(exp.)
Shenzhen Loop Area Institute (SLAI) (Joint) Ph.D. Student	Shenzhen, China 2026 - 2031(exp.)
Zhongnan University of Economics and Law (ZUEL) B.S. in Statistics GPA: 3.86 / 4.0	Wuhan, China 2022 - 2026

Experience

Shenzhen Loop Area Institute Research Intern	Shenzhen, China Jun.2026 - Aug.2026
CUHK-SZ Research Assistant at FreedomAI Lab , Advisor: Prof. Benyou Wang , Dr. Yan Hu	Shenzhen, China Sep.2025 - Apr.2026
Emory University Research Intern, Advisor: Prof. Xiaobo Sun	Remote Feb.2025 - Aug.2025

Publications [\[Google Scholar\]](#)

†→ Equal contribution

- [1] [Y. Du](#), J. Liang, Z. Lai, S. Li, Y. Hu. Why Vision Fails as a Universal Bridge: Rectifying Modality Asynchrony in Multilingual MLLMs. *Conference on Language Modeling*. **COLM 2026**
- [2] [Y. Du](#)[†], J. Hu[†], S. Hou, Y. Ding, X. Sun. A Methodological Framework for Measuring Spatial Labeling Similarity. *International Joint Conference on Artificial Intelligence*. **IJCAI2025 Oral**.
- [3] J. Hu[†], [Y. Du](#)[†], S. Hou, Y. Ding, Y. Li, X. Sun, H. Wu. CEMUSA: A Graph-based Integrative Metric for Evaluating Clusters in Spatial Transcriptomics. **Bioinformatics 2026**
- [4] K. Xu, [Y. Du](#), Z. Yu, J. Wang, X. Sun. Representation Learning for Non-Sequential Data via Causality-Induced Positional Encoding. *Conference on Neural Information Processing Systems*. **NeurIPS 2025**.
- [5] K. Xu, Y. Lu, S. Hou, K. Liu, [Y. Du](#), M. Huang, H. Feng, H. Wu, X. Sun. Detecting and Dissecting Anomalous Anatomic Regions in Spatial Transcriptomics with STANDS. **Nature Communications 2024**

Selected Awards & Honors

Outstanding Graduate, ZUEL	2026
Outstanding Bachelor's Thesis Award, ZUEL	2026
Outstanding Student Scholarship, ZUEL	2023,2024,2025

Presentation

<i>A Methodological Framework for Measuring Spatial Labeling Similarity</i>	Guangzhou, China
---	------------------

- Oral Presentation @ IJCAI 2025

Aug. 2025

Last updated: July 11, 2026