

Haorui Li

CONTACT INFORMATION	Dept. of Computer Sci. & Eng. The Chinese University of Hong Kong, Shatin, New Territories, Hong Kong	Email: haoruili46@gmail.com Website: haoruili46.github.io
RESEARCH TOPICS	Deep Learning; Generative Models; AI for Science;	
EXPERIENCES	The Chinese University of Hong Kong Ph.D. Student in Computer Science Advisor: Prof. Shengchao Liu	<i>Aug. 2025 – Present</i>
	Huazhong University of Science and Technology B.E. in Computer Science, GPA: 91.0/100 B.S. in Chemistry, GPA: 91.2/100, Ranking: 1 st	<i>Sep. 2021 – June 2025</i>
	California Institute of Technology Undergraduate Researcher, CMS Department Advisors: Dr. Shengchao Liu & Prof. Anima Anandkumar	<i>July 2024 – Dec. 2024</i>
	National University of Singapore Intern, School of Computing Advisor: Dr. Hsiang Hui Lek	<i>July 2023 – Aug. 2023</i>
PUBLICATIONS	Haorui Li , Weitao Du, Yuqiang Li, Hongyu Guo, Shengchao Liu. InertialAR: Autoregressive 3D Molecule Generation with Inertial Frames. Preprint (under review).	
	Haorui Li , Weitao Du, Hongyu Guo, Shengchao Liu. InertialTransformer: Early Explorations and Insights into Transformer-based Geometric Representation. <i>LLM for Scientific Discovery Workshop, 2nd Conference on Language Modeling</i> (COLM 2025)	
	Haorui Li* , Shengchao Liu*, Hongyu Guo, Anima Anandkumar. Geometry-text Multi-modal Foundation Model for Reactivity-oriented Molecule Editing. <i>AI for New Drug Modalities Workshop, 38th Conference on Neural Information Processing Systems</i> (NeurIPS 2024)	
HONORS & AWARDS	National Scholarship × 3 in 2022, 2023, 2024 (highest scholarship for undergraduate awarded by the Chinese government, < 0.1%)	
	Merit Student Scholarship × 2 in 2022, 2023 (given to students that excel in academics, athletics, arts of special interest, < 1%)	
	Outstanding Undergraduates in Term of Academic Performance (greatest honor for undergraduate in HUST, < 0.1%)	
	Outstanding Graduate	