

# Chonghan (Jonathan) Qin

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## Education

2022–26\*      **B.Eng.** Computer Science, The University of Hong Kong

• Advisor: [Prof. Lingpeng, Kong](#)

23 Su 24 Fa      **Exchange**, EECS, University of California, Berkeley

## Research Interest

I study **(Multimodal) Large Language Models**, focusing on multimodal data synthesis and augmentation for reasoning, memory mechanisms, and data-efficient improvements in **Reinforcement Learning** algorithms.

## Research Experience

2025–§      Research Intern, [OpenDataLab](#), Shanghai Artificial Intelligence Laboratory, (Advisor: [Dr. Lijun, Wu](#))

2024–§      Student Research Assistant, [HKUNLP](#), The University of Hong Kong, (Advisor: [Prof. Lingpeng, Kong](#), [Dr. Xiachong, Feng](#))

2024      Research Intern, [Intelligent Medicine Institute](#), Fudan University, (Advisor: [Dr. Weijie, Chen](#))

## Publications

† → Equal contribution

### Papers Under Review

- R1. **Chonghan Qin**, Xiachong Feng, Weitao Ma, Xiaocheng Feng & Lingpeng Kong. "*ImplicitMemBench: Measuring Unconscious Behavioral Adaptation in Large Language Models*" Annual Meeting of the Association for Computational Linguistics, ACL. 2026.

### Working Papers

- W1. **Chonghan Qin**, Xiachong Feng & Lingpeng Kong. "*Social World Modeling for Multi-Agent Social Interaction*" to be submitted to Annual Meeting of the Association for Computational Linguistics, ACL. 2026.
- W2. **Chonghan Qin**, Honglin Lin, Zheng liu & Lijun Wu. *Code as Multimodal Chain-of-Thought: Structured Visual Reasoning via Executable Diagrams* to be submitted to Annual Meeting of the Association for Computational Linguistics, ACL. 2026.

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\*Expected.

§Present.

W3. Honglin lin<sup>†</sup>, **Chonghan Qin<sup>†</sup>**, Juekai Lin & Lijun Wu. *Think to Draw, Draw to Think: Reasoning-Guided Factual Data Synthesis for Scientific Reasoning* to be submitted to Annual Meeting of the Association for Computational Linguistics, ACL. 2026.

## Projects

### DCVLR, Neurips 2025 Workshop

- **Ranking:** 4/59
- **Training Set Development:** Led the end-to-end construction of the training set, from surveying and synthesizing multimodal datasets to refining responses with state-of-the-art models (GPT-5, Gemini-2.5, Qwen3-VL) for schema-level consistency.

## Teaching

### The University of Hong Kong

2025-26      Lead Student Teaching Assistant, Artificial Intelligence Literacy I ([AILT 1001](#))  
2024          Student Teaching Assistant, Artificial Intelligence Literacy I (SCDS 1001)

## Academic Service

### Journal Reviewer

2025          IEEE Transactions on Big Data

## Academic Advising

### The University of Hong Kong

2025-26      Class of 2029, School of Computing and Data Science, around 20 students  
2024          Class of 2028, Department of Computer Science, around 15 students

## Other Experience

Before deciding to pursue a Ph.D., I gained internship experience in other interdisciplinary areas. These experiences ultimately confirmed my passion for academic research.

2024          Quantitative Research Intern, Fixed Income & Equity, [E Fund Management \(HK\) Co., Ltd](#), Hong Kong SAR, China  
2023-24      Intern, Acquisition, [Tishman Speyer](#), Shanghai, China

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Last updated: November 10, 2025