

Pengshuo Qiu

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EDUCATION

Bachelor of Science in Educational Psychology

Tohoku EduNLP Lab

Advisor: Yuichiroh Matsubayashi.

Apr 2022 - Feb 2026

Tohoku university

PUBLICATION/THESIS

Renrui Zhang, Dongzhi Jiang, Yichi Zhang, Haokun Lin, Ziyu Guo, **Pengshuo Qiu**, Aojun Zhou, Pan Lu, Kai-Wei Chang, Peng Gao, Hongsheng Li (2024). MathVerse: Does Your Multi-modal LLM Truly See the Diagrams in Visual Math Problems? arXiv preprint arXiv:2403.14624.

Pengshuo Qiu, Frank Rudzicz, Zining Zhu (2024). Scenarios and Approaches for Situated Natural Language Explanations. arXiv preprint arXiv:2406.05035.

Dongzhi Jiang, Renrui Zhang, Ziyu Guo, Yanmin Wu, Jiayi Lei, **Pengshuo Qiu**, Pan Lu, Zehui Chen, Guanglu Song, Peng Gao, Yu Liu, Chunyuan Li, Hongsheng Li (2024). MMSearch: Benchmarking the Potential of Large Models as Multi-modal Search Engines. arXiv preprint arXiv:2409.12959.

EXPERIENCE

Internship

Mercari backend team

Coming soon

May 2025 - Aug 2025

Mercari

Internship

AI Software team

Exa Meeting-Summary: Real time meeting transcript generator, using LLMs to summarize meeting.

Fix bugs and add new features.

Typescript, NextJS, Prisma, GraphQL, Docker

Feb 2025 - Apr 2025

Exawizards

Internship

AI & Machine learning team

Xellent: A user-based explanation generator for recommender system powered by LLM.

Design and deploy the service.

Python, Go, Gin, sqlc, Big Query

Jan 2025

M3, Inc.

Research Internship

Multimedia Laboratory

MMSearch: Benchmarking the Potential of Large Models as Multi-modal Search Engines

Collect and clean data.

MathVerse Does Your Multi-modal LLM Truly See the Diagrams in Visual Math Problems?

Collect and clean data.

Dec 2023 - Sep 2024

The Chinese University of Hong Kong

The paper is accepted by ICLR.

The paper is accepted by ECCV.

Research Internship

Explainable and Controllable AI Lab

Scenarios and Approaches for Situated Natural Language Explanations.

Create the dataset, define the method to evaluate the performance of LLM, and evaluate.

Advising by Zining Zhu

Jan 2024 - Jul 2024

Stevens Institute of Technology

SKILLS

Technical: Full Stack Development • Machine Learning • LLM Development • Data Analysis • Cloud Computing

Programming: Python, TypeScript, Go, SQL

Languages: Chinese (Native), English & Japanese (Fluent)