

CHENCHEN YE

Homepage: yecchen.github.io

Email: ccye@cs.ucla.edu

EDUCATION

PhD student in Computer Science Sep 2023 - Present

University of California, Los Angeles (UCLA)

Advisor: Dr. [Wei Wang](#), Leonard Kleinrock Professor, UCLA

Bachelor of Computer Science, 1st Class Honors (Highest Distinction) Aug 2018 - Jun 2022

National University of Singapore (NUS)

Advisor: Dr. [Tat-Seng Chua](#), KITHCT Chair Professor, NUS

RESEARCH INTERESTS

I have broad interests in ML and NLP, particularly in developing **LLM agents** capable of solving complex problems, and enhancing **LLM reasoning** abilities. I also explore heterogeneous knowledge integration, leveraging knowledge graphs, text, code, and visual data to enhance model capabilities and interpretability.

INDUSTRY EXPERIENCE

Machine Learning Research Intern, Frontier Reasoning Jun 2025 - Present

[Scale AI](#), Mentor: [Sean Hendryx](#), [Jeff Da](#)

San Francisco, CA

- Project: SWE-Level Unit Tests Generation Agent

Research Intern, GraphRAG

Jun 2024 - Sep 2024

[Microsoft Research](#), Mentor: [Jonathan Larson](#), [Darren Edge](#), [Ha Trinh](#)

Seattle, WA

- Project: Hierarchical Multi-Agent GraphRAG: Advancing Complex Query Answering through Dynamic Decomposition and Collaborative Planning

RESEARCH EXPERIENCE

Graduate Student Researcher

Sep 2023 - Present

[Scalable Analytics Institute \(ScAi\)](#), UCLA, Advisor: [Wei Wang](#)

Los Angeles, CA

Research Assistant

Aug 2022 - Aug 2023

[NExT++ Research Center](#), NUS, Advisor: [Tat-Seng Chua](#), [Yunshan Ma](#)

Singapore

- Project: Reasoning on Graphs for Knowledge-enhanced Information Retrieval

Undergraduate Student Researcher

May 2021 - Jun 2022

[NExT++ Research Center](#), NUS, Advisor: [Tat-Seng Chua](#), [Lizi Liao](#)

Singapore

- Project: Textual and Multimodal Conversational Search and Response Generation

PUBLICATIONS

Preprints: (* denotes equal contribution.)

- **MIRAI: Evaluating LLM Agents for Event Forecasting**
[Chenchen Ye*](#), [Ziniu Hu*](#), [Yihe Deng*](#), [Zijie Huang](#), [Mingyu Ma](#), [Yanqiao Zhu](#), [Wei Wang](#)
Preprint 2025 [[paper](#), [homepage](#), [code](#), [data](#), [demo](#)]
- **CLiBench: Multifaceted Evaluation of Large Language Models in Clinical Decisions on Diagnoses, Procedures, Lab Tests Orders and Prescriptions**
[Mingyu Derek Ma](#), [Chenchen Ye](#), [Yu Yan](#), [Xiaoxuan Wang](#), [Peipei Ping](#), [Timothy S Chang](#), [Wei Wang](#). *Preprint 2025* [[paper](#), [homepage](#)]

- **AgentGrow: LLMs as Scalable, Customizable General-Purpose Simulators For Language Agent Training**
Yiming Wang, Yuedong Cui, Da Yin, Di Wu, Chenchen Ye, Zongyu Lin, Xueqing Wu, Kai-Wei Chang. *Preprint 2025, SoCal NLP Symposium 2024* [to be arXived]

Conference Publications:

1. **GraphVis: Boosting LLMs with Visual Knowledge Graph Integration**
Yihe Deng, Chenchen Ye, Zijie Huang, Mingyu Derek Ma, Yiwen Kou, Wei Wang
Neurips 2024 [[paper](#)]
2. **TCELongBench: Analyzing Temporal Complex Events with Large Language Models? A Benchmark towards Temporal, Long Context Understanding**
Zhihan Zhang, Yixin Cao, Chenchen Ye, Yunshan Ma, Lizi Liao, Tat-Seng Chua
ACL 2024 [[paper](#), [code&data](#)]
3. **SeCoGD: Context-aware Event Forecasting via Graph Disentanglement**
Yunshan Ma*, Chenchen Ye*, Zijian Wu, Xiang Wang, Yixin Cao, Tat-Seng Chua
SIGKDD 2023 [[paper](#), [code&data](#), [poster](#), [slides](#)]
4. **RERG: Reflecting on Experiences for Response Generation**
Chenchen Ye, Lizi Liao, Suyu Liu, Tat-Seng Chua
ACMMM 2022 [[paper](#), [poster](#), [slides](#)]
5. **Co-Gen: Structured and Natural Responses Co-generation for Conversational Search**
Chenchen Ye, Lizi Liao, Fuli Feng, Wei Ji, Tat-Seng Chua
SIGIR 2022 (Oral) [[paper](#), [code](#), [slides](#)]

Workshop Publications:

1. **Narrative Analysis of True Crime Podcasts With Knowledge Graph-Augmented Large Language Models**
James Chapman, Xinyi Leng, Jason Liang, Jack Mauro, Xu Wang, Andrea Bertozzi, Junyuan Lin, Bohan Chen, Chenchen Ye, Temple Daniel and P. Jeffrey Brantingham
CIKM 2024, The 8th Workshop on Graph Techniques for Adversarial Activity Analytics [[paper](#)]

AWARDS

Outstanding Undergraduate Researcher Prize, NUS [certificate] [news]	Jun 2022
Deans' List Awards, NUS [certificate]	AY2019-2020/ AY2021-2022
Science & Technology Undergraduate Scholarship, NUS, Singapore	2018-2022
Senior Middle 2 Scholarship, Ministry of Education, Singapore	2018-2022

TEACHING

Teaching Assistant, UCLA

- COM SCI 245 Big Data Analytics Fall 2024
- COM SCI 32 Introduction to Computer Science II Winter 2024, Spring 2025

Teaching Assistant, NUS

- CS2030 Programming Methodology II Semester 1 AY2019/20
- CS2040 Data Structure and Algorithm Semester 1 AY2019/20

SERVICES

Invited Reviewer: ICML 2025, Neurips 2025/2024, ICLR 2024, ACL(+ARR) 2025/2024, KDD 2024, CIKM 2024, ACMMM 2024/2023