

# CHENCHEN YE

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## EDUCATION

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**PhD student in Computer Science**, University of California, Los Angeles (UCLA) Sep 2023 - Present  
Advisor: Dr. [Wei Wang](#), Leonard Kleinrock Professor, UCLA

**Bachelor of Computer Science**, National University of Singapore (NUS) Aug 2018 - Jun 2022  
1st Class Honors (Highest Distinction)  
Advisor: Dr. [Tat-Seng Chua](#), KITHCT Chair Professor, NUS

## RESEARCH INTERESTS

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My research interests include Natural Language Processing and Data Mining, with the current focus on **planning and reasoning with large language models and agents**.

## PUBLICATIONS

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(\* denotes equal contribution.)

### Preprints:

- **MIRAI: Evaluating LLM Agents for Event Forecasting**  
[Chenchen Ye](#)\*, Ziniu Hu\*, Yihe Deng\*, Zijie Huang, Mingyu Derek Ma, Yanqiao Zhu, Wei Wang  
Preprint 2024 [[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 2024 [[paper](#), [homepage](#)]

### Publications:

1. **Analyzing Temporal Complex Events with Large Language Models? A Benchmark towards Temporal, Long Context Understanding**  
Zhihan Zhang, Yixin Cao, [Chenchen Ye](#), Yunshan Ma  
ACL 2024 [[paper](#), [code&data](#)]
2. **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](#)]
3. **Reflecting on Experiences for Response Generation**  
[Chenchen Ye](#), Lizi Liao, Suyu Liu, Tat-Seng Chua  
ACMMM 2022 [[paper](#), [poster](#), [slides](#)]
4. **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](#)]

## EXPERIENCE

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**Research Intern** June 2024 - Present  
[Microsoft Research](#), Mentor: [Jonathan Larson](#), [Darren Edge](#), [Ha Trinh](#)  
Project: GraphRAG, LLM Agents  
Seattle, WA

<b>Graduate Student Researcher</b> <a href="#">Scalable Analytics Institute (ScAi)</a> , UCLA, Advisor: <a href="#">Wei Wang</a> Project: LLM Agents for Social Event Forecasting	Sep 2023 - Present <i>Los Angeles, CA</i>
<b>Research Assistant</b> <a href="#">NExT++ Research Center</a> , NUS, Advisor: <a href="#">Tat-Seng Chua</a> , <a href="#">Yunshan Ma</a> Project: Learning and Reasoning on Graphs for Knowledge-enhanced Information Retrieval	Aug 2022 - Aug 2023 <i>Singapore</i>
<b>Undergraduate Student Researcher</b> <a href="#">NExT++ Research Center</a> , NUS, Advisor: <a href="#">Tat-Seng Chua</a> , <a href="#">Lizi Liao</a> Project: Textual and Multimodal Conversational Search and Response Generation	May 2021 - Jun 2022 <i>Singapore</i>

## AWARDS

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<b>Outstanding Undergraduate Researcher Prize</b> , NUS Best undergraduate researcher (individual) in the <b>university-wide selection</b> [ <a href="#">certificate</a> ] [ <a href="#">news</a> ]	Jun 2022
<b>Deans' List Awards</b> , NUS Top 5% of the cohort [ <a href="#">certificate</a> ]	AY2019-2020/ AY2021-2022
<b>Distinction in the Multimedia Information Retrieval Focus Area</b> , NUS Meritorious academic performance in Information Retrieval [ <a href="#">certificate</a> ]	Aug 2021
<b>Distinction in the Artificial Intelligence Focus Area</b> , NUS Meritorious academic performance in Artificial Intelligence [ <a href="#">certificate</a> ]	Apr 2021
<b>Science &amp; Technology Undergraduate Scholarship</b> , NUS & Ministry of Education, Singapore <b>Outstanding</b> Asian student, covers full tuition fees and living allowance	2018-2022

## TEACHING

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<b>Teaching Assistant</b> , NUS <ul style="list-style-type: none"> <li>CS2030 Programming Methodology II, Lecturer: Dr. <a href="#">Henry Chia</a></li> <li>CS2040 Data Structure and Algorithm, Lecturer: Dr. <a href="#">Chong Ket Fah</a></li> </ul>	Semester 1 AY2019/20
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## SERVICES

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**Journal/ Conference Reviewer:**  
Neurips 2024, ACL(+ARR) 2024, KDD 2024, CIKM 2024, ACMMM 2024/2023, DASFAA 2024

## SKILLS

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**Programming Languages:** Python, Java, C++, C, SQL  
**Software & Other IT Skills:** PyTorch, Git, Linux