

# Fuda Ye

✉ fye374@connect.hkust-gz.edu.cn — 📞 yefd — 📠 +8619927468699

## RESEARCH INTERESTS

---

Retrieval-Augmented Generation, Information Retrieval, Data Mining, Legal Retrieval

## EDUCATION

---

**The Hong Kong University of Science and Technology (Guangzhou)**, China Sep 2025 — Present  
Phd in Data Science and Analytics

**South China Normal University**, Guangzhou, China Sep 2022 — Jun 2025  
Master of Science in Software Engineering GPA: 4.06/5.00 (4/51)

**South China Normal University**, Guangzhou, China Sep 2018 — Jun 2022  
Bachelor of Science in Computer Science and Technology GPA: 3.56/5.00 (40/228)

## ACADEMIC EXPERIENCE

---

**Hong Kong University of Science and Technology (Guangzhou), Language Model Group**  
Advisor: Prof. Lei Chen, Visiting Research Student Jun 2024 — Present

**South China Normal University, NLP Group**  
Advisor: Prof. Shuangyin Li, Graduate Student Apr 2022 — Jun 2025

## PUBLICATIONS

---

**Fuda Ye, Jiachuan Wang, Yongqi Zhang, Lei Chen, and Shuangyin Li. 2026. BubbleRAG: Interactive Cognitive Offloading with Thought Bubble in Retrieval-Augmented Generation. In Findings of the ACL 2026.** 📄

- Proposed the BubbleRAG that introduces an interactive reading paradigm to break the silent reading.
- Designed a thought bubble model to convert the internal cognitive states into external bookmark tokens, injecting reasoning traces back into the retrieved context without re-training.

**Fuda Ye, Shuangyin Li, Yongqi Zhang, and Lei Chen. 2024. R<sup>2</sup>AG: Incorporating Retrieval Information into Retrieval Augmented Generation. In Findings of the EMNLP 2024.** 📄 📄

- Designed a R<sup>2</sup>-Former to bridge the semantic gap between retrievers and generators.
- Implement a retrieval-aware prompting strategy to inject retrieval information into RAG.

**Fuda Ye and Shuangyin Li. 2024. MileCut: A Multi-view Truncation Framework for Legal Case Retrieval. In Proceedings of the WWW 2024. (Oral presentation)** 📄 📄

- Proposed a multi-view truncation method to exploit the multi-view information from legal search.
- Constructed and released a retrieval dataset to fill the void of civil case retrieval task.

## PROJECTS

---

**National Language Resources Integrative Platform** Jan 2024 - Dec 2025

- Led the development of the platform, which utilizes RAG to integrate resources from multiple scientific research websites and provide unified services for users.

- Integrated data and services for efficient and unified retrieval of multi-source, multi-class resources.

### **HKUST-GZ Campus Chat Assistant**

May 2023 - Jun 2023

- Contributed to the development of the HKUST-GZ Campus Chat Assistant, which offers face-to-face consultation services for students and staff, improving efficiency of information acquisition.
- Collected and organized campus data, and developed a campus knowledge base for retrieval.
- Integrated retrieval and RAG technologies into assistant to answer knowledge-intensive questions.

### **AWARDS**

---

SCNU Excellent Graduate Student (2025)

National Scholarship for graduate students (2024)

SCNU Academic Scholarship for outstanding graduate students (2022, 2023, 2024)

Second prize of graduate students in 11th TipDM Cup Data Mining Race (2023)

SCNU Scholarship for outstanding undergraduate students (2018, 2019, 2020)

### **OTHER EXPERIENCES**

---

#### **Teaching Assistant, Natural Language Processing**

Spring Term 2022-2023

- Hosted the SCNU 4th AI Challenge with Baidu company, including task design and awards evaluation.
- Help the professor in preparing lectures, and provided guidance to students.

#### **VLDB 2024 Volunteer**

Aug 2024