

# Jingheng Ye (叶劲亨)

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Address: China

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## EDUCATION

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**South China University of Technology**  
*Bachelor of Computer Science and Technology*

China

Sep 2018 – Jun 2022

- GPA: 3.95 / 4.00 Rank: 1 / 160

**Tsinghua University**  
*Master of Computer Technology*

China

Sep 2022 – Jun 2025 (expected)

- GPA: 3.93 / 4.00 Rank: 3/61 Advisor: [Prof. Hai-Tao Zheng](#)
- **Research Area:** NLP, AI Education, Grammatical Error Correction (GEC), LLM-based Agent

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## EXPERIENCE

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**Research Internship in Squirrel AI**  
*AI Education & Large Language Model*

Squirrel AI

Aug 2025 - Present

- Research on automated essay scoring with feedback generation.
- Investigate error analysis of English learners' essays.

**Research Internship in Alibaba**  
*Retrieval-Augmented Generation & LLM-based Agent*

Tongyi, Institute for Intelligent Computing, Alibaba

Dec 2023 - Aug 2025

- Propose an e-commercial agent as a product buying assistant that helps to pinpoint users' demands.
- Investigate the research area of LLM-based Agent, including memory, reasoning, memory and tool use, etc.

**Teaching Assistant of Knowledge Engineering**  
*3-credit course*

Tsinghua University

Feb 2024 - Present

- Hold weekly office hours for the graduate course of *knowledge engineering*.
- Grade assignments and a final project, answer questions, meet regularly with the professor.

**Development Internship on Tencent**  
*Database System*

Database R&D Center Department, Tencent

Jul 2021 - Sep 2021

- Familiar with Tencent database system TDSQL.
- Develop a tool to automatically test database compatibility.

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## PUBLICATIONS & MANUSCRIPTS

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[1] **Ye, J.\***, Li, Y.\*, Zhou, Q., Li, Y., Ma, S., Zheng, H. T., & Shen, Y. (2023). [CLEME: Debiasing Multi-reference Evaluation for Grammatical Error Correction](#). In *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing* (pp. 6174-6189).

[2] **Ye, J.**, Li, Y., Li, Y., & Zheng, H. T. (2023). [MixEdit: Revisiting Data Augmentation and Beyond for Grammatical Error Correction](#). In *Findings of the Association for Computational Linguistics: EMNLP 2023* (pp. 10161-10175).

[3] **Ye, J.**, Qin, S., Li, Y., Cheng, X., Qin, L., Zheng, H. T., ... & Wei, Z. (2024). [EXCGEC: A Benchmark of Edit-wise Explainable Chinese Grammatical Error Correction](#). *arXiv preprint arXiv:2407.00924*. Accepted by AAAI 2025.

[4] Huang, H.\*, **Ye, J.\***, Zhou, Q., Li, Y., Li, Y., Zhou, F., & Zheng, H. T. (2023). [A Frustratingly Easy Plug-and-Play Detection-and-Reasoning Module for Chinese Spelling Check](#). In *Findings of the Association for Computational Linguistics: EMNLP 2023* (pp. 11514-11525).

[5] **Ye, J.**, Xu, Z., Li, Y., Cheng, X., Song, L., Zhou, Q., ... & Su, X. (2024). [CLEME2.0: Towards More Interpretable Evaluation by Disentangling Edits for Grammatical Error Correction](#). *arXiv preprint arXiv:2407.00934*. Submitted to ARR 2024.10.

[6] [Ye, J.](#), Qin, S., Li, Y., Zheng, H. T., ... & Wen. Q. S. (2023). [Corrections Meet Explanations: A Unified Framework for Explainable Grammatical Error Correction](#). *ACL ARR 2023 December Blind Submission*. Submitted to TACL.

[7] [Ye, J.](#), Jiang, Y., Wang, X., Li, Y., Li, Y., Zheng, H. T., ... & Huang, F. (2024). [ProductAgent: Benchmarking Conversational Product Search Agent with Asking Clarification Questions](#). *arXiv preprint arXiv:2407.00942*.

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ACADEMIC AWARDS

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<b>CCL23-Eval CLTC Track-1, Second Prize</b> <i>Chinese Learner Text Correction, CLTC</i>	Aug, 2023
<ul style="list-style-type: none"><li>CCL2023-Eval Task7 CLTC (Chinese Learner Text Correction) Track 1: Multidimensional Chinese Learner Text Correction. The technical report was published at the China National Conference on Computational Linguistics (CCL) venue, <a href="#">available here</a>.</li><li>As the <b>team leader</b>, I am responsible for data curation, model and algorithm design, model training, report rewriting, etc.</li></ul>	
<b>Geneva International Exhibition of Inventions, Silver Prize</b> <i>SmartCorrect: Multilingual and Multi-Scenario Intelligent Text Error Correction Platform</i>	Apr, 2023
<ul style="list-style-type: none"><li>As the second author (my mentor was the first author), I am mainly responsible for algorithm implementation, platform design, and work scheduling. I learned to effectively cooperate with team member to build up a comprehensive correction platform.</li></ul>	
<b>CCL22-Eval CLTC Task-4, First Prize</b> <i>Chinese Learner Text Correction, CLTC</i>	Oct, 2022
<ul style="list-style-type: none"><li>CCL2022-Eval Task CLTC (Chinese Learner Text Correction) Track 4: Multi-reference Multi-source Chinese Learner Text Correction. The technical report was published at the CCL venue, <a href="#">available here</a>.</li><li>As the <b>team leader</b>, I am responsible for data curation, model and algorithm design, model training, report rewriting, etc.</li></ul>	
<b>The Mathematical Contest in Modeling (MCM), Meritorious Winner</b>	Feb, 2021
<b>National College Student Mathematics Competition, Guangdong Division, Third Prize</b>	Dec, 2020

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SCHOLARSHIPS & AWARDS

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<b>National Scholarship (0.2%)</b>	Dec, 2024 (Expected)
<b>National Scholarship (0.2%)</b>	Dec, 2019
<b>National Encouragement Scholarship (3%)</b>	Dec, 2020
<b>Merit Student of South China University of Technology (3%)</b>	Dec, 2020
<b>University-level First-class Scholarship (1%)</b>	Dec, 2021
<b>College-level Special First-class Scholarship (5%)</b>	Dec, 2023

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SKILLS & LANGUAGE

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<b>Proficient</b>	Python, PyTorch, Latex, Git
<b>Familiar</b>	Linux, C/C++, Java, MySQL
<b>TOEFL iBT</b>	109/120 (Reading 30, Listening 28, Speaking 22, Writing 29)