Yuhao Zhan

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Education

Zhejiang University, B.S. in Computer Science and Technology.   Sep. 2023 – Present
- GPA: 91.7/100 (**Top 10%**)
- **Core Courses:**
  - **Math:** Linear Algebra(96/100), Calculus I & II (96/100), Probability Theory(95/100)
  - **CS:** C Programming (95/100), Advanced Data Structure and Algorithm(93/100), Numerical Analysis(99/100), Natural Language Processing(96/100)

Experience

Student Research Assistant, the University of Hong Kong   Jul. 2025 – Present
Advised by *Prof. Chao Huang*.
- Nominated to participate in the internship program of HKU School of Computing and Data Science (50 undergraduates worldwide), working on Understanding **Deep Research Agents** via Hallucinations.

Research Intern, Zhejiang University   Jul. 2024 – Sep. 2025
Advised by *Prof. Zemin Liu*, supervised by *Prof. Fei Wu* and *Prof. Yuan Li*.
- Working on an **AI for Education** project of LLM-based German Grammatical Error Correction (GEC).

Summer Program, Carnegie Mellon University   Jul. 2024 – Aug. 2024
Guilded by *Prof. Shubham Tulsiani*.
- Participating in *Deep Vision and Artificial Intelligence: Exploring the Future of Vision* program.

Research Intern, Zhejiang University   Nov. 2023 – Jun. 2024
Advised by *Prof. Xiangzhen Kong*.
- Working on *Qizhen* Research Training Program of Neuroscience (layer-specific fMRI).

Publications

JELV: A Judge of Edit-Level Validity for Evaluation and Automated Reference Expansion in Grammatical Error Correction   Nov. 2025

<u>Yuhao Zhan</u>, Yuqing Zhang, Jing Yuan, Qixiang Ma, Zhiqi Yang, Yu Gu, Zemin Liu and Fei Wu
AAAI 2026 (Oral)

THINKGEC: A Cognitive and Pedagogical Framework for LLM-based Grammatical Error Correction   Dec. 2025

Yu Gu*, Yuqing Zhang*, Yawen Zheng, Haoxiang Wu, Jing Yuan, <u>Yuhao Zhan</u>, Zemin Liu, Yuan Li, Jing Ying and Fei Wu
ACL 2026 in submission

Honors and Awards

- **National Scholarship. Highest honor for undergraduates**   Oct. 2025
- **Future Academic Rising Star Project of Zhejiang University. Only 30 undergraduates university-wide**   Jun 2025
- **National Scholarship. Highest honor for undergraduates**   Oct. 2024
- **Top 10 Outstanding Students of Yunfeng Academy. Top 0.5% among Yunfeng Academy**   Jun 2024
- **First Prize of Zhejiang Province**, National College Mathematics Competition   Nov 2024

Technologies & Miscellaneous

Technologies: Python, PyTorch, C/C++, Prompt Engineering, LangChain, Vim, SSH, LaTeX etc.

Miscellaneous: Professional Level 8 of Chinese bamboo flute, Team 3nd place in *Sanhao* tennis competition

English: CET-6 score of 633, with Oral Exam good.