

# Yuhao Zhan

3230104957@zju.edu.cn | 17775909278 | personal webpage

## Education

**Zhejiang University**, B.S. in Computer Science and Technology.

Sept 2023 – Present

- GPA: 91.4/100 (**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), Digital Logic Design(93/100), Numerical Analysis(99/100)
- **AI(Self-learning):** Machine Learning, Deep Learning, Natural Language Processing

## Experience

**Research Training**, Zhejiang University – Hangzhou, China

Jul 2024 – Present

- Contributed as an integral member of a cutting-edge German Grammatical Error Correction (GEC) project based on LLM, under the mentorship of Prof. Zemin Liu and supervision of Prof. Fei Wu and Prof. Yuan Li.
- Played a pivotal role in SFT data curation, established rigorous benchmark baselines, implemented two-level grammatical error tag classification, and designed an interactive web demo interface.
- Led the *overcorrection* research by defining comprehensive evaluation criteria and introducing an innovative overcorrection-decoupled metric, achieving SOTA correlations with human judgments in specific benchmarks.

**Summer Program**, Carnegie Mellon University – Pittsburgh, USA

Jul 2024 – Aug 2024

- Participated in *Deep Vision and Artificial Intelligence: Exploring the Future of Vision* program under the expert guidance of Prof. Shubham Tulsiani.
- Completed rigorous coursework in computer vision and executed a final project of transformer-based captioning and image classification, earning a final grade of 90/100.

**Research Training**, Zhejiang University – Hangzhou, China

Nov 2023 – Jun 2024

- Engaged in the *Qizhen* Research Training Program in Neuroscience under the advisement of Prof. Xiangzhen Kong, gaining foundational exposure to contemporary neural research methodologies in layer-specific fMRI.

## Publications

**Rethinking Overcorrection for Grammatical Error Correction Evaluation**

Feb 2025

Yuhao Zhan, Yuqing Zhang, Jing Yuan and Zemin Liu [ACL 2025 in submission]

## Selected Awards and Scholarships

**Awards & Scholarships**

- National Scholarships (**3%**) Oct 2024
- Top 10 Outstanding Students of Yunfeng School (**0.5%**) Jun 2024

**Competitions**

- First Prize of Zhejiang Division, National College Mathematics Competition Nov 2024

**Miscellaneous**

- Professional Level 8 of Chinese bamboo flute

## Technologies

**Languages:** C++, C, Python, SQL, HTML, Bash, Markdown

**Technologies:** PyTorch, Prompt Engineering, LangChain, Vim, LaTeX, SSH

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