

Yuhao Zhan

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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 <i>overcorrection</i> 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 <i>Deep Vision and Artificial Intelligence: Exploring the Future of Vision</i> 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 <i>Qizhen</i> 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
<u>Yuhao Zhan</u> , 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
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Miscellaneous

• Professional Level 8 of Chinese bamboo flute
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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.