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 baseline benchmarks, implemented two-level grammatical error tag classification, and designed an interactive web demo interface.
- Led the *overcorrection* research initiative by defining comprehensive evaluation criteria and introducing an innovative overcorrection-decoupled metric, achieving SOTA results in targeted performance benchmark.

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
<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

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.