Zhuohao Yu

zyu@stu.pku.edu.cn • zhuohaoyu.github.io • Google Scholar

Education

Jun, 2026 (Expected) **Peking University** — Beijing, China
Master of Engineering in *Software Engineering*
Advisors: Prof. Wei Ye and Prof. Shikun Zhang
GPA: 3.89/4.00 **Citations**: 500+ **H-index**: 9 (Aug, 2025)

Jun, 2023 **Renmin University of China** — Beijing, China
Bachelor of Engineering in *Computer Science*
GPA: 3.75/4.00

Selected Awards

2021 **Gold Medal**, International Collegiate Programming Contest (ICPC) Asia Regional Contest
2019 **Silver Medal**, International Collegiate Programming Contest (ICPC) Asia Regional Contest
2018 **Silver Medal**, The 35th China National Olympiad in Informatics (NOI)

Selected Publications

Research Vision: Advancing *reliable, interpretable, self-evolving* LLMs through *autonomous evaluation, alignment* and *reasoning*, with a commitment to creating *trustworthy, practical, open-source* AI systems.

[1] **RewardAnything: Generalizable Principle-Following Reward Models**
Zhuohao Yu, Jiali Zeng, Weizheng Gu, Yidong Wang, Jindong Wang, Fandong Meng, Jie Zhou, Yue Zhang, Shikun Zhang, Wei Ye
Preprint, 2025 Code

[2] **SAEMark: Multi-bit LLM Watermarking with Inference-Time Scaling**
Zhuohao Yu, Xingru Jiang, Weizheng Gu, Chang Gao, Yidong Wang, Shikun Zhang, Wei Ye
Preprint, 2025 Code

[3] **Reasoning Through Execution: Unifying Process and Outcome Rewards for Code Generation**
Zhuohao Yu, Weizheng Gu, Yidong Wang, Zhengran Zeng, Jindong Wang, Wei Ye, Shikun Zhang
International Conference on Machine Learning (ICML 2025) Code

[4] **PandaLM: An Automatic Evaluation Benchmark for LLM Instruction Tuning Optimization**
Yidong Wang*, **Zhuohao Yu*** (*Equal Contribution), Zhengran Zeng, Linyi Yang, Cunxiang Wang, Hao Chen, Chaoya Jiang, Rui Xie, Jindong Wang, Xing Xie, Wei Ye, Shikun Zhang, Yue Zhang
International Conference on Learning Representations (ICLR 2024) [200+ Citations, 900+ Stars] Code

[5] **KIEval: A Knowledge-grounded Interactive Evaluation Framework for Large Language Models**
Zhuohao Yu, Chang Gao, Wenjin Yao, Yidong Wang, Wei Ye, Jindong Wang, Xing Xie, Yue Zhang, Shikun Zhang
Annual Meeting of the Association for Computational Linguistics (ACL 2024) [Main Conference] Code

[6] **FreeEval: A Modular Framework for Trustworthy and Efficient Evaluation of Large Language Models**
Zhuohao Yu, Chang Gao, Wenjin Yao, Yidong Wang, Zhengran Zeng, Wei Ye, Jindong Wang, Yue Zhang, Shikun Zhang
Empirical Methods in Natural Language Processing (EMNLP 2024) [Demo Track] Code

[7] **Exploring Vision-Language Models for Imbalanced Learning**
Yidong Wang, **Zhuohao Yu**, Jindong Wang, Qiang Heng, Hao Chen, Wei Ye, Rui Xie, Xing Xie, Shikun Zhang
International Journal of Computer Vision (IJCV 2023) Code

[8] **Supervised Knowledge Makes Large Language Models Better In-context Learners**
Linyi Yang*, Shuibai Zhang*, **Zhuohao Yu*** (Equal Contribution), Guangsheng Bao, Yidong Wang, Jindong Wang, Ruochen Xu, Wei Ye, Xing Xie, Weizhu Chen, Yue Zhang
International Conference on Learning Representations (ICLR 2024)

[9] **An Empirical Analysis of Uncertainty in Large Language Model Evaluations**
Qiujie Xie, Qingqiu Li, **Zhuohao Yu**, Yuejie Zhang, Yue Zhang, Linyi Yang
International Conference on Learning Representations (ICLR 2025)

Selected Projects

2025 **PaperLens** – Solo Project **Try PaperLens**: `https://paperlens.aiyu.fun`
- An LLM-powered research platform for brainstorming ideas, exploring latest works and organizing papers
- Enables vague idea searches with recommendations of the latest relevant works in CS / AI fields

2023 **CodeShell** – Core Developer Technical Report Code
- Built a 7B parameter code LLM achieving SOTA performance among similar-sized models at release
- Led infrastructure development: designed and managed large-scale GPU clusters for efficient training

2021 **TextBox** – Contributor Paper Code
- A text generation toolkit containing NLG algorithms, models and datasets before the LLM era
- Project gained 1.1k+ stars and was featured in ACL 2021 System Demonstration Track

Academic Service

Teaching Assistant:
- Programming I, II, Algorithmic Design @ Renmin University of China Instructor: Prof. Gang Yang, Prof. Hui Sun

Conference Reviewer:
- ***ACL**: ACL (2024, 2025), NAACL (2024, 2025), EMNLP (2024, 2025), EACL (2024)
- **ML/AI**: ICLR (2025), ICML (2025), NeurIPS (2025), AISTATS (2025)

Journal Reviewer:
- ACM Transactions on Intelligent Systems and Technology (TIST)