

Yizhao Wang

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🌐 <https://www.cswyz.top/>

👤 Supervisor: Dr. Xinfu Wang(Research guidance)

👤 Supervisor: Dr. Ting Li(Entrepreneurship guidance)



Education

2023 – 2027 **📖 Bachelor of Engineering, Computer Science and Technology** in Henan Institute of Science and Technology. 河南科技学院

Research Publications

Journal Articles

1 X. Wang and Y. Wang, “High-throughput target detection model for densely cohesive wheat grains based on lma-deim,” *Transactions of the Chinese Society for Agricultural Machinery*, vol. 14, 2026.

Conference Proceedings

1 Y. Wang and Other Authors, “Nexus: Structured synergy for efficient text-to-image generation using rectified flow model,” in *PRCV 2026*, Under review. 🔗 URL: <https://github.com/gitcodepapers/nexus>

Skills

- Languages **📖** Strong reading, writing and speaking competencies for English.
- Coding **📖** Python, R, MATLAB, \LaTeX .
- CV **📖** Basic vision tasks such as detection and segmentation, 3D visual geometry, Training-based model such as NeRF, 3DGS and VGGT, Diffusion and Flow Model Architecture.
- LLM **📖** Small-scale data processing and cleaning, Modern Transformer-based model architecture design, agent architecture, Visual-speech multimodal model design, Post-processing techniques such as SFT, LoRA, and RLHF.
- RL **📖** Value-based and policy-based algorithms, just getting started and exploring the VLA model with QWEN-Lingbot.

Miscellaneous Experience

Entrepreneurship

2024 – Present **📖 Founder & CEO**, Xinxiang Zhixiangda Software Technology Co., Ltd. Specializing in research service software development. Collaborating partners include Peking University People’s Hospital, Shihezi University, and Xidian University.

Awards and Achievements

- 2026 **📖 Entrepreneurship Star Scholarship (10,000 RMB)**, Henan Institute of Science and Technology.
- 2025 **📖 First Prize in C++ Programming Competition (Provincial)**, Ministry of Industry and Information Technology.
- 2024 **📖 Third Prize in Challenge Cup Science and Technology Competition (Provincial)**, Henan Provincial Committee of the Communist Youth League.

Miscellaneous Experience (continued)

Certification

2026  **CET-6 (College English Test Band 6)**, Ministry of Education of China.