



Nanjie Yao, Jackie

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🌐 <https://jackiemn233.github.io/Jackiemn233/>



Education

- 2021.9 – 2025.6  **Zhejiang University of Technology**
B.S. in Network Engineering, Department of Computer Science. (Expected)
GPA: 3.62 / 5.0 (Rank: 5/52)
Language: CET-6 (508)
Advisor: Prof. Sixian Chan
- 2023.9 – 2023.12  **University of California-Irvine, Visit Student**
GPA: 4.0 / 4.0 (Grade: 3A+ 1A)
Enroll courses in artificial intelligence, computer system security, data science. And participate in an individual research project.

Work Experiences

- 2024.4 – Present  **Research Assistant.**
AI+Lab, Hong Kong University of Science and Technology (Guangzhou).
Supervisor: Prof. Hao Wang
- 2024.03 – 2024.09  **Research Assistant (Part-time).**
Institute of Cyberspace Security, Zhejiang University of Technology.
Supervisor: Prof. Zhenyu Wen & Prof. Yiming Wu
- 2023.12 – 2024.4  **Research Assistant.**
Zhejiang Lab.
Supervisor: Prof. Feng Lin

Research Publications

Conference Proceedings

- 1 Z. Wen, J. Feng, **N. Yao**, D. Wu, C. Wang, and S. He, “End-to-end model generation with large language models,” in *Proceedings of the 31st acm sigkdd international conference on knowledge discovery and data mining Submission*, 2025.
- 2 **N. Yao**, G. Zhang, W. Shen, J. Shu, and Haowang, “Unify3d: An augmented holistic end-to-end monocular 3d human reconstruction via anatomy shaping and twins negotiating,” in *Proceedings of the IEEE/CVF international conference on computer vision Submission*, Equal contribution, 2025.
- 3 G. Zhang, **N. Yao**, S. Zhang, *et al.*, “Multigo: Towards multi-level geometry learning for monocular 3d textured human reconstruction,” in *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition*, Equal contribution, 2025.

Journal Article

- 1 Y. Wu, **N. Yao**, C. Fu, C. Shi, T. Wu, and S. Ji, “Deepsanitizer: Data-free backdoor removal in deep neural networks,” *IEEE Transactions on Dependable and Secure Computing Submission*, vol. 14, 2025, Equal contribution.
- 2 H. Wang, **N. Yao**, X. Zhou, *et al.*, “Nova-3d: Non-overlapped views for 3d anime character reconstruction,” *Arxiv*, vol. 10, 2024, Equal contribution.

Skills

Computer Vision	<div><div></div><div>Core Areas: Neural Rendering (NeRF, Gaussian Splatting), Generative Models (Latent Diffusion, GANs), 3D Reconstruction ... Applications: Image synthesis, Novel view synthesis, Geometry recovery, Real-time rendering pipelines Frameworks: PyTorch, OpenCV, Nvdiffrastr, Open3D ...</div></div>
Languages	<div><div></div><div>English: Professional working proficiency Mandarin: Native speaker</div></div>
Programming	<div><div></div><div>Python (NumPy/PyTorch) · Shell(Bash) · \LaTeX · Markdown · C/C++ · Java, ...</div></div>
Web Dev	<div><div></div><div>HTML · CSS · JavaScript · Springboost/SpringCloud · Mybatis · SQL, ...</div></div>

Miscellaneous Experience

Awards and Achievements

2024	<div><div></div><div>Zhejiang Provincial Government Scholarship, The People's Government of Zhejiang Province. First-class scholarship for outstanding students, Zhejiang University of Technology. First-class scholarship for academic record, Zhejiang University of Technology. Huawei Intelligent Base Scholarship, Huawei Technologies Co., Ltd.</div></div>
2023	<div><div></div><div>Second-class scholarship for outstanding students, Zhejiang University of Technology. Second-class scholarship for academic record, Zhejiang University of Technology. Second Prize of the National Innovation and Entrepreneurship Competition of China College Student Service Outsourcing, The Ministry of Commerce of China. Second Prize in the National Information Security Competition for Chinese College Students, Beijing Electronic Science and Technology Institute.</div></div>
2022	<div><div></div><div>Third Prize in the China RoboCup (Drone Track), Chinese Association of Automation.</div></div>

Patents and Copyrights

2024	<div><div></div><div>Chinese Software Copyright: A 3D Organ Medical Image Segmentation System and Method Based on Paddle-Seg Deep Learning Framework.</div></div>
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