

YANG YANZHUO

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EDUCATION

The Chinese University of Hong Kong (CUHK)
M.Sc. in Computer Science

Sep 2026 – Oct 2027 (Expected)

Southern University of Science and Technology (SUSTech)
B.Eng. in Computer Science and Technology
GPA: 87.2/100.0 Outstanding Student Award (2025)

Sep 2022 – Jun 2026

PUBLICATIONS

Yanzhuo Yang, Qi Hao, Ping Zhang, Meiyang Zhang*. CSA-VLA: Comfort and Safety Aligned VLA for Autonomous Driving. Submitted to *ICRA 2027*, under review.

RESEARCH EXPERIENCE

Agent Chaos Engineering: Testing Whether Agents Are Truly Reliable *Sep 2026 – Present*
M.Sc. Research Project | Supervisor: Prof. Qiang XU *CUHK*

- Designing failure scenarios for LLM agents (tool errors, retries, interruptions, stale memory, adversarial input) and a benchmark that injects them into agent workflows.
- Measuring safety, resume correctness, budget compliance, and trace fidelity to compare standard agent frameworks with ArbiterOS-style runtime mediation.

CSA-VLA: Comfort and Safety Aligned VLA for Autonomous Driving *Aug 2025 – Jun 2026*
First Author | Advisor: Prof. Qi Hao *SUSTech*

- Aligned a vision-language-action driving policy with passenger comfort and safety through **preference optimization**, on top of a frozen VLM backbone.
- Evaluated on real-world driving logs (nuScenes) and zero-shot in **closed-loop** simulation (Bench2Drive).

Multi-View Video Transformer for Driving Safety Assessment *Feb 2025 – Jun 2025*
Project Lead *SUSTech*

- Extended ViViT to multi-camera video, raising safety-classification accuracy from **61%** to **82%**.

INDUSTRY EXPERIENCE

ZTE Corporation *Jul 2025 – Aug 2025*
Algorithm Intern | Intelligent Systems Department

- Fine-tuned **InternLM** via SFT for academic-paper classification, reaching over **85%** accuracy.
- Built an automated pipeline to extract evaluation questions from large-scale text corpora.

SKILLS

Machine Learning	VLM/VLA, preference alignment (DPO), SFT, LoRA, LLM agents
Programming	Python, PyTorch, Java, Linux, Git, ROS
Languages	Mandarin (native), English (professional working proficiency)