

Jiachang Zhang

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EDUCATION

Xi'an Jiaotong University (XJTU)

Institute of Artificial Intelligence and Robotics, XJTU

- GPA: 91.0 / 100 (first semester, all required courses)

Xi'an, China
Sep 2025 – Present

RESEARCH INTERESTS

World Models for Autonomous Driving | Visual Reasoning For Safety-Critical Scene | Spatial Intelligence | Scene Understanding & Video Reasoning

PROJECTS

arXiv Daily Paper Digest Pipeline

Python, LLM API, GitHub Actions, Shell

- LLM-powered pipeline filtering ~100 daily arXiv submissions to 8–10 relevant papers
- Generates tiered Chinese reading guides; auto-deploys blog posts to personal site

Apr 2026 – Present

Personal Academic Website

Astro, GitHub Pages

- Built with Astro, deployed on GitHub Pages; integrates paper blog and project showcase

Apr 2026 – Present

SKILLS

Programming Lan-Python, C/C++

Languages:

ML/DL Frameworks: PyTorch, NumPy

Tools & OS: Git, Linux, Shell, LaTeX, VS Code

AI Dev Tools: Codex CLI, Claude Code

Languages: Chinese (native), English (reading/writing)

COMPETITIONS & AWARDS

ICPC XJTU Campus Contest

| Algorithm design and implementation

Bronze Medal

May 2026

China College Innovation Contest (Campus)

| Frontend development lead

Silver Award

May 2026

Shaanxi Provincial College Math Contest

Third Prize

Nov 2025

CURRENT & SELF-STUDY

CS231n: Deep Learning For Computer Vision (Stanford, self-paced)

Reading: *World Model for Robot Learning: A Comprehensive Survey*

Active: End-to-end driving, latent world models, VLA architectures, scene completion