

Zehao CHEN

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EDUCATION

Southeast University, China

Sep.2023–present

BEng in Archgitecture | GPA: 3.35/4.0 | Thesis Advisor: [Prof Ling Zhou](#)

WORK EXPERIENCE

Fpstudio | *Creative Planning Assistant*

Jun.2025 – Aug.2025

- Developed detailed scripts and storyboards for technical demonstrations, translating complex "Spatial-temporal Foundation Model" research into intuitive visual narratives.

RESEARCH EXPERIENCE

A Generative AI Framework for 3D Architectural Reconstruction from Historical Paintings

(University-level Distinguished SRTP Project: Supervised by [Dr Lin Zhou](#))

November. 2025 – Present

Details: <https://github.com/angle89/-ComfyUI-Ancient-to-3D-Architect>

- Positioning:** Developed a standardized, full-process ComfyUI extension that integrates heterogeneous frontier AI models—including Grounded-DINO, SAM 2, and Gemini Pro—to establish a unified pipeline for cross-modal 3D asset synthesis from stylized historical graphics.
- Result:**achieved a significant reduction in manual modeling latency for heritage assets while maintaining high aesthetic fidelity; findings currently in preparation for submission to a top-tier conference in Computational Design

ADDITIONAL PROJECT

An Automated Energy Replenishment System for UAVs

| *Silver Award, "Internet+" Innovation and*

Entrepreneurship Competition (Jiangsu Province)

Oct.2022 – Jan.2023

Liushuwan Ancestry Retrieval Agent

| *Tongcheng OPC Community Residency Project*

Jan.2026 – Mar.2026

SKILLS

- ENGLISH:**CET6 550 / CET4 610
- PROGRAMMING:** Python, C/C++, etc.
- DL FRAMEWORK/DevOps:** PyTorch/TensorFlow/MXNet, Ubuntu, git, etc.

HOBBIES

- Design & Photographing: Exploring Over 600 National Key Cultural Heritage Sites in China
- Reading & Movie:Serve as the chair of the movie club.
- Art & Speaking:Orchestrated a high-impact architectural design topic that achieved the **#1 spot on the Zhihu Hot List**