

Sicheng Zhou

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github.com/THEzsc ◊ tzblog.tech

EDUCATION

ZJU-UIUC Institution, Zhejiang University

09/2025-06/2029(Expected)

B.S. in Mechanical Engineering

Haining, China

GPA: 3.535 / 4.0 (overall), 3.94 / 4.3 (institutional scale)

RESEARCH INTEREST

- From 3D vision to long-form video representation learning, focusing on compact memory formats that preserve temporal coherence and geometry-aware visual structure. Current interests include:
 - **Long-Context Video Representation Learning**: compact visual memory, temporal coherence, and redundancy reduction in continuous visual streams.
 - **Streaming 4D Perception and Reconstruction**: online perception and reconstruction of dynamic scenes.
 - **Multimodal Video Models**: visually grounded vision-language models for long-video understanding.

PUBLICATION

MeMix: Writing Less, Remembering More for Streaming 3D Reconstruction.

Jiacheng Dong*, Huan Li*, **Sicheng Zhou***, Wenhao Hu, Weili Xu, Yan Wang.

arXiv | Project Page

2026.3

PROJECTS

Peoplesoft-Calendar-to-ICS

- Built a JavaScript Tampermonkey script that converts information on PeopleSoft calendar website into iCalendar (.ics) files for import into mainstream calendar applications, which reached 300+ downloads. 2025.9

LEADERSHIP AND ACTIVITIES

Student Union, Publicity and New Media Staff

- Responsible for event photography, including content capture, selection, editing, and publishing.

ZJUI Branding and Promotion Staff

- Supported branding and publicity content production through photography and video post-production.

AWARDS

- 31st ZJU Mechanical Design Competition, Base Special Track, **Third Prize**
- CCF National Olympiad in Informatics in Provinces, **Second Prize** (High School)

SKILLS AND INTERESTS

Programming

Python, C++, JavaScript, HTML

Competitive Programming

Codeforces: THEzsc (max - Pupil, **1269**)

Tools

Git, GitHub, Linux, Matlab, LaTeX, Photoshop

AI Interests

3D Vision, multimodal machine learning, representation learning

Other Interests

graphic design, photography, badminton, trombone, piano, anime