

Zehao Qi

Agentic Vision | 3D / 4D Generation | Spatial Intelligence

zehao.qi.mail@gmail.com | github.com/QZepHyr

EDUCATION

Wuhan University | September 2021 - June 2025

Bachelor of Engineering in Computer Science and Technology | GPA: 3.65 / 4.00

RESEARCH & INDUSTRY EXPERIENCE

Nanyang Technological University

Research Intern | Supervisor: Jiawang Bian

May 2026 - Present

External Research Collaboration

Research Collaborator | With Shuyang (Kevin) Sun (Google DeepMind)

Nov 2025 - Present

4DSynth: developed the generation pipeline, shared geometric state, actor and camera planning, and simulation export. Collaborators led benchmark task design and evaluation.

Meituan

Research Intern | Co-supervisor: Shuyang (Kevin) Sun

Aug 2024 - Feb 2025

Investigated multi-agent visual reasoning and image editing by combining visual evidence with specialized tools.

Wuhan University

Undergraduate Research | Zheng Wang (video); Feng Liu (medical imaging)

Mar 2023 - Aug 2024

Introduced the HAI dataset and Temporal Intention Localization task. Studied lung-nodule feature and growth prediction from CT scans.

PUBLICATIONS & PREPRINTS

* Equal contribution / co-first authorship.

Zehao Qi*, Haochen Luo*, Jia-Wang Bian, Zeyu Ma, Shuyang Sun. **4DSynth: Controllable Procedural World Synthesis for Dynamic Embodied Simulation**. arXiv:2608.26947, 2026. ICRA 2027, under review. [\[Paper\]](#)

Zehao Qi*, Ruixu Zhang*, Xinyi Hu, Wenxuan Liu, Zheng Wang. **Predicting the Unseen: A Novel Dataset for Hidden Intention Localization in Pre-abnormal Analysis**. ACM Multimedia, 2024. [\[DOI\]](#)

Ruobing Wang*, **Zehao Qi***, Shengjuan Guo, Jia Ni Zou, Feng Liu, Wen Cai Huang. **Predicting Lung Nodule Growth from Follow-up CT Scans with Deep Isotropic Network**. IEEE BIBM, 2024. [\[DOI\]](#)

Zehao Qi*, GuoWei Tao*, Feng Liu, Hao Gui, Wen Cai Huang, Jia Ni Zou. **DR-ConvNeXt: A Dilated Residual Network based on ConvNeXt for Lung Nodule Features Prediction**. IEEE BIBM, 2023. [\[DOI\]](#)

SELECTED HONOR & LANGUAGE

Wuhan University 12th "Ziqiang Cup" Student Entrepreneurship Plan Competition: Bronze Award (team), HealBuddy, 2024.

English: IELTS Academic overall 6.5 (July 2025).