郑思晓

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教育经历

- 复旦大学 *2023.9 - 2027.6*
  统计学博士研究生 上海
  - 导师：付彦伟
  - 研究方向：AIGC、视频生成、故事可视化
- 上海创智学院 *2024.9 - 2027.6*
  博士联合培养项目 上海
  - 导师：付彦伟
  - 研究方向：AIGC、视频生成
- 复旦大学 *2018.9-2021.6*
  计算机应用技术硕士 上海
  - 导师：冯建峰、付彦伟
  - 研究方向：语义分割、目标检测
- 华南师范大学 *2014.9-2018.6*
  通信工程学士 广州
  - GPA：3.72/5（排名：8/143）

论文发表

世界模型与视频生成

[1] **Sixiao Zheng**, Minghao Yin, Wenbo Hu, Xiaoyu Li, Ying Shan, and Yanwei Fu. VerseCrafter: Dynamic Realistic Video World Model with 4D Geometric Control. **CVPR**, 2026.

[2] **Sixiao Zheng**, Zimian Peng, Yanpeng Zhou, Yi Zhu, Hang Xu, Xiangru Huang, and Yanwei Fu. VidCRAFT3: Camera, Object, and Lighting Control for Image-to-Video Generation. **TVCG**, 2026.

[3] Hengyu Liu, Jiahao Lu, Ruijie Zhu, **Sixiao Zheng**, Yuan Liu, Wenbo Hu, and Ying Shan. WorldPrism: 3D Consistency for Video World Models via Bidirectional Cross-Space Verification. **NeurIPS**, 2026.

具身智能与三维理解

[4] Zhenyang Liu, Yongchong Gu, **Sixiao Zheng**, Yanwei Fu, Xiangyang Xue, and Yu-Gang Jiang. TriVLA: A Triple-System-Based Unified Vision-Language-Action Model with Episodic World Modeling for General Robot Control. **ACM MM**, 2026. (oral)

[5] Zhenyang Liu, **Sixiao Zheng**, Siyu Chen, Cairong Zhao, Longfei Liang, Xiangyang Xue, and Yanwei Fu. A Neural Representation Framework with LLM-Driven Spatial Reasoning for Open-Vocabulary 3D Visual Grounding. **ACM MM**, 2025.

[6] Zhenyang Liu, Yikai Wang, **Sixiao Zheng**, Tongying Pan, Longfei Liang, Xiangyang Xue, and Yanwei Fu. ReasonGrounder: LVLM-Guided Hierarchical Feature Splatting for Open-Vocabulary 3D Visual Grounding and Reasoning. **CVPR**, 2025.

AI 故事与电影创作

[7] Shufeng Nan, Mengtian Li*, **Sixiao Zheng**, Yuwei Lu, Han Zhang, and Yanwei Fu*. Mind-of-Director: Multi-modal Agent-Driven Film Previsualization via Collaborative Decision-Making. arXiv preprint arXiv:2603.14790, 2026.

[8] **Sixiao Zheng**, and Yanwei Fu. ContextualStory: Consistent Visual Storytelling with Spatially-Enhanced and Storyline Context. **AAAI**, 2025.

[9] **Sixiao Zheng**, Jingyang Huo, Yu Wang, and Yanwei Fu. Intelligent Director: An Automatic Framework for Dynamic Visual Composition using ChatGPT. arXiv preprint arXiv:2402.15746, 2024.

视觉感知

[10] **Sixiao Zheng**, Jiachen Lu, Hengshuang Zhao, Xiatian Zhu, Zekun Luo, Yabiao Wang, Yanwei Fu, Jianfeng Feng, Tao Xiang, Philip Torr, and Li Zhang. Rethinking Semantic Segmentation from a Sequence-to-Sequence Perspective with Transformers. **CVPR**, 2021. **(Citations: 5400+, Most influential CVPR'21 papers #2)**

[11] Li Zhang*, Jiachen Lu*, **Sixiao Zheng***, Xinxuan Zhao, Xiatian Zhu, Yanwei Fu, Tao Xiang, Jianfeng Feng, Philip HS Torr. Vision Transformers: From Semantic Segmentation to Dense Prediction. **IJCV**, 2024.

[12] **Sixiao Zheng**, Yanwei Fu, and Yanxi Hou. Incrementally Zero-Shot Detection by an Extreme Value Analyzer. **ICPR**, 2021. (***oral***)

[13] Zekun Luo, Zheng Fang, **Sixiao Zheng**, Yabiao Wang, and Yanwei Fu. NMS-Loss: Learning with Non-Maximum Suppression for Crowded Pedestrian Detection. **ICMR**, 2021.

[14] **Sixiao Zheng**, Ke Fan, Yanxi Hou, Jianfeng Feng, and Yanwei Fu. Clustering by the Probability Distributions from Extreme Value Theory. **IEEE TAI**, 2023.

荣誉与奖励

- 2023 世界人工智能大会青年优秀论文奖（全球仅**10**篇）
- 2026 复旦大学郑格如奖学金
- 2024 复旦大学优秀学生
- 2022 腾讯业务突破奖
- 2022H1 腾讯TEG SEVP 技术突破奖
- 2021 世界人工智能大会｜首届应用算法实践典范BPAA 公益算法赛道·金奖
- 2020-2021 复旦大学优秀共青团员
- 2016 美国大学生数学建模竞赛（MCM）二等奖
- 2017 美国大学生数学建模竞赛（MCM）二等奖
- 第五届"泰迪杯"数据挖掘挑战赛二等奖
- 第八届"蓝桥杯"全国软件大赛广东赛区Java 二等奖
- 2015-2017 连续三年获得国家励志奖学金
- 2018 华南师范大学物理与电信工程学院优秀毕业生

工作经历

- 腾讯混元 *2021.7 - 2023.8*
  算法研究员 深圳
  - 项目：多模态大模型、视频内容理解、文本-视频检索模型、广告落地页配色生成

实习经历

- 腾讯**ARC** 实验室 *2025.5 – 至今*
  研究实习生 深圳
  - 研究方向：视频生成
- 华为诺亚方舟实验室 *2024.6 – 2025.4*
  研究实习生 上海
  - 研究方向：视频生成
- 腾讯优图实验室 *2020.6 – 2021.1*
  研究实习生 上海
  - 研究方向：语义分割

语言与技能

- 英语：CET-6，能够熟练阅读英文文献
- 深度学习编程：Pytorch, Diffusers, PyTorch Lightning, Transformers, Accelerate
- 工具：LaTex, Linux, Bash, Git, OpenCV, numpy, scipy, pandas, sklearn 等。

学术服务

- 助教 *2024.2-2024.6*
  复旦大学，《神经网络与深度学习》
- 审稿人 *2021-2026*
  CVPR, NeurIPS, AAAI, IEEE PAMI, ACM MM, IEEE TIP, IEEE TNNLS, ICMR

开源项目

- https://github.com/fudan-zvg/SETR (1.1k stars)
- https://github.com/TencentARC/VerseCrafter (430 stars)
- https://github.com/sixiaozheng/ContextualStory