XIAOQIAN SHEN

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EDUCATION

Master of Computer Science Expected 2024
King Abdullah University of Science and Technology, (Kaust)

Bachelor of Computer Science Jilin University 2018 - 2022
GPA: 90.27/100 (3.73/4.0)

RESEARCH INTEREST

- **Generative Models**
- **Spatiotemporal Representation**
- **Low-resource Learning**

PROJECTS

Master at Prof. Mohamed Elhoseiny's group, KAUST, Saudi Arabia
Motion-aware Efficient Video Generation July 2022 - Nov 2022
Propose motion style attention modulation for diverse motion pattern modeling.

Affective Visual Dialog July 2022 - Nov 2022
Construct a VQA dataset to analyze how visual and language affect emotion.

Implicit Text to Image Generation Aug 2022 - Sep 2022
Integrate conditional signals to implicit neural representations (INR)-based image generation.

Internship at Prof. Mohamed Elhoseiny's group, KAUST, Saudi Arabia
Large-scale Zero-shot Classification Dec 2021 - Mar 2022
Leverage hierarchical constractive learning for large-scale zero-shot classificaiton.

Internship at Prof. Yongfeng Huang's group, Tsinghua University, China
Medical Relation Extraction for Chinese Medicine Instructions Sep 2020 - Mar 2021
Explore BERT-like model for text modeling and entity recognition.

Internship at Prof. Zhenghua Xu's group, External D.Phil Supervisor of University of Oxford
Self-supervised Learning for medical image segmentation May 2020 - Sep 2020
Utilize multimodality information of medical images for downstream tumor segmentation.

PUBLICATIONS

Xiaoqian Shen, Xiang Li, and Mohamed Elhoseiny. MoStGAN: Video Generation with Temporal Motion Styles. accepted by CVPR 2023. [paper]

Yi, Kai, **Xiaoqian Shen**, Yunhao Gou, and Mohamed Elhoseiny. Exploring hierarchical graph representation for large-scale zero-shot image classification. Computer Vision–ECCV 2022, pp. 116-132. [paper]

Qi, Tao, Shan Qiu, **Xiaoqian Shen**, Haopu Chen, Shuai Yang, Hao Wen, Ya Zhang, Yuanqing Wu, and Yongfeng Huang. KeMRE: knowledge-enhanced medical relation extraction for Chinese medicine instructions. Journal of Biomedical Informatics 120 (2021): 103834. [paper]

SKILLS

- **Programming**: Python, C/C++, Java
- **Language** Chinese, English (TOEFL 104/120, GRE 328/340)