

# XIAOQIAN SHEN

[Personal page](#) / [Github](#)

**Email** xiaoqian.shen@kaust.edu.sa

**Tel:** (+966)542708372 / (+86)13642093218

## EDUCATION

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**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

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

## PROJECTS

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*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 classification.

*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

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**Xiaoqian Shen**, Xiang Li, and Mohamed Elhoseiny. MoStGAN-V: Video Generation with Temporal Motion Styles. CVPR 2023. [\[paper\]](#) [\[project page\]](#)

Eslam Bakr, **Xiaoqian Shen**, Pengzhan Sun, Faizan Khan, Erran Li, Mohamed Elhoseiny. HRS-Bench: Holistic, Reliable and Scalable Benchmark for Text-to-Image Models. Arxiv. [\[paper\]](#) [\[project page\]](#)

Deyao Zhu, Chen Jun, Kilichbek Haydarov, **Xiaoqian Shen**, Wenxuan Zhang, Mohamed Elhoseiny. ChatGPT Asks, BLIP-2 Answers: Automatic Questioning Towards Enriched Visual Descriptions. Arxiv. [\[paper\]](#)

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. [\[paper\]](#) [\[project page\]](#)

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

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