

Yang, LI

CONTACT INFORMATION

Media Computing Group
Microsoft Research Lab - Asia
Beijing, China
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RESEARCH INTERESTS

Large Vision Model, 3D Vision, 3D Generation

EDUCATION

Sun Yat-sen University

B.S. in Mathematics and Applied Mathematics, 2018-2022

The Hong Kong University of Science and Technology

M.Phil. Candidate in Artificial Intelligence, 2022-present

- Prime Supervisor: [Yingcong CHEN](#)
- Co-supervisor: [Yongwei WU](#) *IEEE Fellow*, Vice Head, Department of Computer Science and Technology, Tsinghua University

HONORS AND AWARDS

- | | |
|-----------|---|
| 2019 | National 3rd Class Prize in Global Management Challenge GMC China |
| 2019–2020 | Sun Yat-sen Excellent Student Scholarship Sun Yat-sen University |
| 2022–2024 | HKUST Postgraduate Fellowship HKUST |
| 2024 | McGill & MILA Ph.D. Fellowship McGill |

PUBLICATIONS

Yang Li, Guanghai Han, and Xiujian Liu. DCNet: Densely Connected Deep Convolutional Encoder Decoder Network for Nasopharyngeal Carcinoma Segmentation. *Sensors*, 2021.

Yang Li, Ruizheng Wu, Jiyong Li, and Yingcong Chen. GNeRP: Gaussian guided Neural Reconstruction of Reflective Objects with Noisy Polarization Priors. **ICLR**, 2024, [project page](#).

Jiyong Li, Dilshod Azizov, **Yang Li**, Shangsong Liang. Contrastive Continual Learning with Importance Sampling and Prototype-instance Relation Distillation. **AAAI**, 2024.

Shuai Yang, Yuying Ge, **Yang Li**, Yukang Chen, Yixiao Ge, Ying Shan, Ying-Cong Chen. TaleSpinner: Multimodal Long Story Generation with Large Language Model. **NIPS (under review)**, 2024.

SCIENTIFIC RESEARCH EXPERIENCE

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| 2021.3-2021.11 | DCNet for Nasopharyngeal Carcinoma Segmentation Advisor: Prof. Zhifan Gao, School of Biomedical Engineering, Sun Yat-sen University. |
| 2022.7-2023.11 | Multiview Stereo via Polarized Lighting Advisor: Dr. Jiangbo LU & Dr. Nianjuan JIANG HKUST & SmartMore Joint Lab |
| 2024.6-present | Generalized Dynamic Scene Reconstruction Advisor: Dr. Jinglu WANG Microsoft Asia |

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| WORK EXPERIENCE | 2021.6–2021.9 | Research Intern PCITECH Traffic Brain Research Institute PCITECH China |
| | 2022.7–2024.6 | Research Intern SmartMore Corporation Limited Industry R & D Center SmartMore |
| | 2024.6–present | Research Intern Microsoft Research Asia Microsoft |
| RELEVANT SKILLS | Languages | Python, Matlab, TensorFlow, Pytorch Source code of the proposed models is available on my github . |
| REFERENCES | Jia, Li , Associate Professor, School of Mathematics, Sun Yat-sen University Zhifan, Gao , Associate Professor, School of BME, Sun Yat-sen University Yongwei WU <i>IEEE Fellow</i> , Professor, Vice Head, Department of CSE, Tsinghua University | |