

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 BACKGROUND

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 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, Guanghui 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.

RESEARCH EXPERIENCE	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	Pose-free Generalizable Gaussian Splatting for Scene Perception Advisor: Dr. Jinglu WANG Microsoft Research Asia
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	Jiangbo, LU	Co-founder & CTO, SmartMore Corporation Senior Research Scientist, ADSC & CSL, University of Illinois at Urbana-Champaign (UIUC)
	Yongwei, WU	<i>IEEE Fellow</i> , Professor, Vice Head, Department of Computer Science and Technology, Tsinghua University
	Yingcong, CHEN	Assistant Professor, AI Thrust, HKUST, GZ Assistant Professor, Department of Computer Science & Engineering, HKUST, CWB