

Yang, LI

CONTACT INFORMATION

Department of Computer Science & Engineering
School of Engineering
The Hong Kong University of Science and Technology
Clear Water Bay, Hong Kong SAR
✉ yli803@cse.ust.hk

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

McGill University & MILA Quebec

Ph.D. in Electrical and Computer Engineering, to be commenced in 2024.9

- Prime Supervisor: [Chengzhi MAO](#)

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

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.

SCIENTIFIC 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- present	Multiview Stereo via Polarized Lighting Advisor: Dr. Jiangbo LU & Dr. Nianjuan JIANG HKUST & SmartMore Joint Lab

WORK EXPERIENCE 2021.6–2021.9 Research Associate Intern
PCITECH Traffic Brain Research Institute
PCITECH China
2022.7–present Research Assistant Intern
SmartMore Corporation Limited Industry R & D Center
SmartMore

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 *IEEE Fellow*, Professor, Vice Head, Department of CSE, Tsinghua University