LI Yang

CONTACT
INFORMATION

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

RESEARCH
INTERESTS

3D Vison

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

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 Nasopharygneal 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