

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
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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 |

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 Intern
PCITECH Traffic Brain Research Institute
PCITECH China |
| 2022.7–present | Research 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