Zhiyuan Liang

✉ liangzy512@gmail.com ·

🎓 Education

Beijing Institute of Technology (BIT), Beijing, China 2020 – Present
Master student in Computer Technology, expected June 2023

Hefei University of Technology (HFUT), Anhui, China *(Ranking: 3/97)* 2016 – 2020
B.S. in Internet of Things Engineering (IoT)

🎓 Experience

Feng Chia University, Taiwan July. 2017 – Apr. 2018
Exchange student for one semester

Social Research in the U.S., Los Angeles Jan. 2017 – Feb. 2017

👥 Experience

Publication

Ying Fu, Zhiyuan Liang, Shaodi You. "Bidirectional 3D Quasi-Recurrent Neural Network for Hyperspectral Image Super-Resolution". In *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (J-STARS), 2021*.
Brief introduction: we propose a single Hyperspectral image super-resolution method.

- Fully extracted the characteristics of Hyperspectral image
- Introduced a bidirectional structure
- Solved the problem of insufficient remote sensed image

Projects

1. Joint Pattern Optimization and Image Reconstruction for Hyperspectral imaging. (Apr. 2021 – Oct. 2021)
2. Blind Hyperspectral Image Super-Resolution. (Nov. 2021 – Present)

⚙ Skills

- Programming Languages: C++ == Python > C > Java
- Platform: Linux, Windows
- Interests: Low-level Computer Vision, Computational Imaging

♡ Honors and Awards

China National Scholarship, Ministry of Education (2800 ¥) 2021
Provincial outstanding college students, Anhui 2019
4th Prize in National Chess Association Masters Tournament 2018
2nd Prize in National Chess Association Masters Tournament. Award on National Chess Master 2016

ⓘ Miscellaneous

- Homepage: `https://zhiyuan0112.github.io`
- GitHub: `https://github.com/zhiyuan0112`