ZHIYUAN LIANG

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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

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
4 th Prize in National Chess Association Masters Tournament	2018
2 nd Prize in National Chess Association Masters Tournament. Award on National Chess Master	2016

i Miscellaneous

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