JIAN GAO

Master's degree graduate

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ABOUT

I received the M.S. degree in *Pattern Recognition and Intelligent Systems* and the B.S. degree in *Science and Technology of Remote Sensing* from Wuhan University, Hubei, China. In my master career, my works focus on deep learning based multi-view stereo from optical satellite images and drone images, advised by Prof. Shunping Ji.

EDUCATION

Sept. 2020 – June 2023 **M.S. Pattern Recognition and Intelligent Systems** Wuhan University
School of Remote Sensing and Information Engineering
Thesis: 3D Reconstruction from Satellite Images Based on Deep Learning Multi-View Stereo

Sept. 2016 – June 2020 **B.S. Science and Technology of Remote Sensing** Wuhan University
School of Remote Sensing and Information Engineering
GPA: 3.86 / 4.0 **Rank**: 6 / 201

PUBLICATIONS

* Equally contributed.

[1] Jin Liu, **Jian Gao**, Shunping Ji, Chang Zeng, Shaoyi Zhang, JianYa Gong. "Deep learning based multi-view stereo matching and 3D scene reconstruction from oblique aerial images". In: ISPRS Journal of Photogrammetry and Remote Sensing 204 (2023), pp. 42–60.

[2] **Jian Gao**, Jin Liu, Shunping Ji. "A general deep learning based framework for 3D reconstruction from multi-view stereo satellite images". In: ISPRS Journal of Photogrammetry and Remote Sensing 195 (2023), pp. 446–461.

[3] **Jian Gao***, Jin Liu*, Shunping Ji. "Rational polynomial camera model warping for deep learning based satellite multi-view stereo matching". In: Proceedings of the IEEE/CVF International Conference on Computer Vision. 2021, pp. 6148–6157.

TEACHING EXPERIENCE

Teaching Assistant Feb. 2020 – July. 2020 & Feb. 2021 – July. 2021

Course: Computer Vision and Pattern Recognition
Lecture: Practical guidance for 3D reconstruction based on multi-view stereo images

AWARDS AND HONORS

Wang Zhizhuo innovative talent scholarship Dec. 20th, 2019
Outstanding Graduates May 4th, 2020
First Class Entrance Scholarship for New Students Sept. 10th, 2020
Outstanding Graduates May 23th, 2023