

YESHENG ZHANG

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EDUCATION

Shanghai Jiao Tong University, Shanghai, China

Sept. 2020 - Mar. 2023

Master of Engineering

Advisor: Prof. Dahong Qian & Prof. Xu Zhao

School of Biomedical Engineering

Shanghai Jiao Tong University, Shanghai, China

Sept. 2016 - Jun. 2020

Bachelor of Engineering, GPA: 88.03/100, Rank: 8/61

School of Biomedical Engineering

RESEARCH INTEREST

I've been very excited about 3D reconstruction in computer vision.

The involved techniques include SLAM, SfM and MVS.

PUBLICATIONS

Learning-Based Distortion Correction and Feature Detection for High Precision and Robust Camera Calibration

Yesheng Zhang, Xu Zhao, Dahong Qian

RA-L & IROS 2022, 10.1109/LRA.2022.3192610

We proposed a learning-based camera calibration system, the code is available at [here](#).

AWARDS

Three Good Student, Shanghai Jiao Tong University

2018

Academic Excellence Award, Shanghai Jiao Tong University

2017

SERVICES

Paper Reviewer:

Journal of the Franklin Institute

2022

COMPUTER SKILLS

- Python, C/C++, Matlab
- Pytorch, TensorFlow, OpenCV
- ORB-SLAM