

# YESHENG ZHANG

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## EDUCATION

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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

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

The involved techniques include SLAM, SfM and MVS.

## PUBLICATIONS

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**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

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Three Good Student, Shanghai Jiao Tong University

2018

Academic Excellence Award, Shanghai Jiao Tong University

2017

## SERVICES

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Paper Reviewer:

Journal of the Franklin Institute

2022

## COMPUTER SKILLS

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