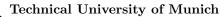
# Wenbo Ji

Nationality: Chinese Gender: Male

Email: wenboji0420@gmail.com Homepage: fusheng-ji.github.io

## EDUCATION



M.Sc - Electrical Engineering and Information Technology - Automation and Robotics

o Co-supervisors: Prof. Dr. Daniel Cremers, Dr. Yan Xia, Dr. Chuanxia Zheng

• **GPA**: 1.5/4.0 (Germany)

• Relevant Course: Machine Learning and Optimization, Optimal control and Decision making

Tongji University M.Sc - Computer Science - Computer Technology

o Supervisor: Associate Professor. Gang Wei

o **GPA**: 4.5/5.0

o Relevant Course: Pattern Recognition, Advanced Image Processing

Nanjing Tech University

B.Sc - Mathematics - Information and Computing Science (Embedded Software)

• **GPA**: 3.5/4.0

o Relevant Course: Numerical Analysis, Computer Graphics, Pattern Recognition

#### Research Interests

## 3D Computer Vision, Computer Graphics

3D Reconstruction (point cloud based), 3D scene understanding, Neural Implicit Representation

### Projects

# Point Cloud Based Reconstruction of Large-Scale Factory Scenes

Tongji University, CAD Research Center (w/ assoc. prof. Gang Wei)

April 2021 - Sept 2023

Shanghai, China

Munich, German

Shanghai, China

Nanjing, China

Sept 2017 - June 2021

Sept 2021 - Present

Oct 2023 - Present

## Pose Estimation of Noncooperative Target Based on Monocular Images

Tongji University, CAD Research Center (w/ assoc. prof. Zhicheng Wang)

June 2022 - Sept 2023 Shanghai, China

### RESEARCH/INTERNSHIP EXPERIENCES

### Object-Centric 3D Reconstruction and Decomposition

Feb 2024 - Present

Technical University of Munich/University of Oxford, TUM-CVG/TUM-DI-LAB/Oxford-VGG Munich, German

o Co-supervisors: Prof. Dr. Daniel Cremers, Dr. Yan Xia, Dr. Chuanxia Zheng

## **Stochastic Surface Reconstruction**

July 2023 - Oct 2023 Hangzhou, China

Zhejiang University

o Supervisor: Prof. Yivi Liao

### Selected Awards and Honors

## The First Prize Scholarship

Nanjing Tech University

Sept 2017 - June 2021

Yearly

## National Encouragement Scholarship

Nanjing Tech University

Sept 2020

Nanjing, China

### The TIPDM Cup Data Mining Challenge Competition - The National Third Prize

Thesis: "Intelligent Diagnosis of Rectal Cancer Based on Patterns of Lymphatic Metastasis"

Sept 2019

Nanjing, China

#### SKILLS

## English - B2

Certificate: CET 6

German - B2

Certificates: Goethe B2, TestDaF

### **Program Languages**

C++, Python

### Framework & Tool

Pytorch, CUDA, OpenGL, MATLAB, Blender

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15.03.2024