

Wenbo Ji

Nationality: Chinese

Gender: Male

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EDUCATION

- **Technical University of Munich** Munich, German
M.Sc - Electrical Engineering and Information Technology - Automation and Robotics Oct 2023 - Present
 - **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** Shanghai, China
M.Sc - Computer Science - Computer Technology Sept 2021 - Present
 - **Supervisor:** Associate Professor. Gang Wei
 - **GPA:** 4.5/5.0
 - **Relevant Course:** Pattern Recognition, Advanced Image Processing
- **Nanjing Tech University** Nanjing, China
B.Sc - Mathematics - Information and Computing Science (Embedded Software) Sept 2017 - June 2021
 - **GPA:** 3.5/4.0
 - **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** April 2021 - Sept 2023
Tongji University, CAD Reserach Center (w/ assoc. prof. Gang Wei) Shanghai, China
- **Pose Estimation of Noncooperative Target Based on Monocular Images** June 2022 - Sept 2023
Tongji University, CAD Reserach Center (w/ assoc. prof. Zhicheng Wang) 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
 - **Co-supervisors:** Prof. Dr. Daniel Cremers, Dr. Yan Xia, Dr. Chuanxia Zheng
- **Stochastic Surface Reconstruction** July 2023 - Oct 2023
Zhejiang University Hangzhou, China
 - **Supervisor:** Prof. Yiyi Liao

SELECTED AWARDS AND HONORS

- **The First Prize Scholarship** Sept 2017 - June 2021
Nanjing Tech University Yearly
- **National Encouragement Scholarship** Sept 2020
Nanjing Tech University Nanjing, China
- **The TIPDM Cup Data Mining Challenge Competition - The National Third Prize** Sept 2019
Thesis: "Intelligent Diagnosis of Rectal Cancer Based on Patterns of Lymphatic Metastasis" 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

纪文博 Ji Wenbo

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