

# GENG LI

email: LGG315@163.com | +86 | Homepage: <https://genglibot.github.io/gengli.github.io/>

## EDUCATION

**Shandong University**  
**China**

**Shandong,**

Bachelor of Electrical Engineering

2021-2025(expected)

- Overall GPA: 88.3

## HONORS

- |   |      |
|---|------|
| • Towngas China Scholarship (Top 5%)                      | 2023 |
| • Outstanding Student Scholarship, Silver Award (top 10%) | 2023 |
| • Specialty Scholarship, Silver Award                     | 2013 |

## RESEARCH INTERESTS

Robotics, 3D Vision, learning-based motion planning

## PUBLICATIONS

**[1] 2prnet: A point cloud registration method that can be applied to large rigid transformations**

Geng Li, Zhe Min

Would be submitted to IROS 2024.

**[2] Comparison of the SOTA models for liver point cloud registration**

Hao Yu\*, Geng Li\*, Mingyang Liu\*, Zhe Min

Under writing

## EXPERIENCE

**SDSR lab**

Shandong University

Research Intern

Advisors: **Prof. Zhe Min**

Jul. 2023 - Feb. 2024

- propose a more robust registration model, which is the first end-to-end model to achieve both rigid and non-rigid registration at same time
- Several methods of liver point cloud registration proposed by the lab recently were compared under the same data set, and the advantages were improved and optimized
- The point cloud data set containing the whole body organs is screened and the data set can be used for deep learning training is obtained

**Logistics Handling Robot institution**

University xxx

Core Member

Mar. 2023 - Aug. 2023

- An intelligent logistics handling robot is designed, which has the functions of color recognition, self-navigation and material transportation

## SELECTED COURSES

Probability Theory (98)

Operational Research (97)

Signal and System(95)

Principle of Single-chip Microcomputer (94)

Electronic technology (90)

Circuit (93)

Complex variation, field theory (94)

Data acquisition with Python crawler (95) ...

## SKILLS

**Programming:** C/C++ Python (Pytorch, OpenCv), LATEX, MATLAB

**English:** Duolingo: 110