

# ER TAR YONG

📅 1999 FEB 7

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## 👤 About Me

Undergraduate Mechanical Engineering student at Zhejiang University with strong analytical and problem-solving abilities. I am curious and have a keen desire to learn and acquire new knowledge and skills. Currently seeking a job to further develop my career.

## ☰ Skills

- ✓ SOLIDWORKS
- ✓ AUTOCAD
- ✓ ANSYS WORKBENCH
- ✓ ABAQUS
- ✓ C LANGUAGE

## 🏆 Language

- ✓ Chinese
- ✓ English
- ✓ Malay

## 🎓 Education

2018.09—2023.07 Zhejiang University GPA: 3.02/4  
Mechanical Engineering

Courses: Mechanical Design, Mechanics of Materials,  
Engineering Graphics, Theoretical Mechanics

### Final Year Project

**Title: Structure design and dilation performance analysis of polymer self-expanding vascular stent**

- Understanding the international development of vascular stents.
- A vascular stent with a concave hexagonal shape combined with honeycomb type
- Using Abaqus to simulate the expansion performance of vascular stent.
- Patent is pending (Patent number:2023109491597)

## 📈 Work experience

2022.07—2023.01 ViTrox Corporation Berhad  
Internship

- Design improvement for camera bracket
- Modular design of machine structure
- Solve the picture distortion problem
- Design experiments to study ALU 6061 and 7075

2017.12—2018.08 City Motor Service Centre  
Junior Technician

- Teaching basic skills to apprentices
- Learning basic abilities like service car and wheel balancing

## 📅 Volunteer

- 2019 Volunteers of MSAZU Freshman Reception
- 2019 Staff of MSAZU "浙.晚"
- 2019 Referee of the International Badminton Tournament of ZJU