CHEN, Yutian

+86-18302051032 ● chenyt0205@gmail.com ● https://yutian10.github.io

EDUCATION

- **Chu Kochen Honors College, Zhejiang University**   **2020.09-2024.07 (expc.)**
  B.Eng (Hons.) in Robotics Engineering, College of Control Science and Engineering
  - **GPA:** 3.98/4.0
  - **Ranking:** 1/40 (in Robotics Engineering Major), Top 2% (in Chu Kochen Honors College)
  - **Laureate of National Scholarships (Two times)**
  - **English Proficiency:** IELTS : 7.5

HONORS

- **National Scholarship (Highest Honor for Chinese Undergraduates, Top 0.2%)**   2021
- **National Scholarship (Highest Honor for Chinese Undergraduates, Top 0.2%)**   2022
- First-Class Scholarship for Academic Excellence of Zhejiang University **(Top 3%)**   2021, 2022
- Outstanding Student Cadre   2022
- Outstanding Research Training Project of Chu Kochen Honors College   2022
- Top Ten Honors Students in Chu Kochen Honors College **(Top 10 /1641)**   2023

COMPETITIONS

- **Mathematical Contest In Modeling (MCM/ICM)**   **Finalist (Top 2% out of 27,205 teams)**
  - Responsible for modelling and coding.
  - Established and optimized a cyclist's power profile model for optimal performance.

- **China Undergraduate Mathematical Contest in Modelling**   **Provincial First Prize**
  - Responsible for the design of optimization algorithms.
  - Identified peak power of a wave energy device with Fourier series and genetic algorithms.

- **Engineering Training Integration Ability Competition**   **Provincial First Prize**
  - Responsible for the design and control of the manipulator.
  - Design and build a mobile cart to recognize and grasp objects. [demo]

RESEARCH EXPERIENCE

- **Shanghai Artificial Intelligence Laboratory**, Research Intern, Aug. 2023 - Present
  Advisor: Dr. Shi Guo
  Topic: Event-based motion magnification. (Submitted to the IEEE/CVF Conference on Computer Vision and Pattern Recognition 2024)

- **State Key Laboratory of Industrial Control Technology, Zhejiang University**, Research Intern, Oct. 2022 - May. 2023
  Advisor: Prof. Yue Wang and Prof. Rong Xiong
  Topic: 3D reconstruction under sparse viewpoints. [demo]

- **State Key Laboratory of Industrial Control Technology, Zhejiang University**, Research Intern, May. 2021 - May. 2022
  Advisor: Prof. Rong Xiong and Prof. Yue Wang
  Topic: Object detection with millimeter wave radar. (Evaluated as outstanding)

SERVICES

- **Conference Reviewers:**
  Computer Vision and Pattern Recognition (CVPR): 2024