CHEN, Yutian

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EDUCATION

- **Ph.D. in Information Eng., The Chinese University of Hong Kong** **2024.08-Present**
  - Supervisor: Prof. Tianfan Xue
- **B.Eng (Hons.) in Robotics Engineering, Zhejiang University** **2020.09-2024.07**
  - GPA: 3.97/4.0
  - Ranking: 1/40 (in Robotics Engineering Major), Top 2% (in Chu Kochen Honors College)
  - English Proficiency: IELTS : 7.5

HONORS

- **Hong Kong PhD Fellowship Scheme (HKPFS)** 2024
- **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
- Top Ten Honors Students in Chu Kochen Honors College **(Top 10 /1641)** 2023

PUBLICATIONS

- **Y. Chen**, S. Guo, T. Yang, L. Ding, X. Yu, J. Gu, T. Xue, "4DSloMo: 4D Reconstruction for High Speed Scene with Asynchronous Capture", ACM SIGGRAPH Asia, 2025.
- **Y. Chen**, S. Guo, F. Yu, F. Zhang, J. Gu, T. Xue, "Event-Based Motion Magnification", European Conference on Computer Vision (ECCV), 2024.
- Y. Ma, S. Guo, **Y. Chen**, T. Xue, J. Gu, "TimeLens-XL: Real-time Event-based Video Frame Interpolation with Large Motion", European Conference on Computer Vision (ECCV), 2024.

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.
- **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.
- **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]

SERVICES

- **Conference Reviewers:**
  Computer Vision and Pattern Recognition (CVPR): 2024
  AAAI Conference on Artificial Intelligence (AAAI): 2025