Curriculum Vitae

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EDUCATION

- **Nanyang Technological University**   08/2021 – now
    - Ph.D. student supervised by Prof. Ziwei Liu

- **Tsinghua University**   08/2017 – 07/2021
    - Bachelor of Engineering, Department of Automation
    - Thesis supervised by Prof. Gao Huang

PUBLICATIONS

* denotes equal contributions.

- Peng Wang*, Yuan Liu*, **Zhaoxi Chen**, Lingjie Liu, Ziwei Liu, Taku Komura, Christian Theobalt, Wenping Wang.
  F2-NeRF: Fast Neural Radiance Field Training with Free Camera Trajectories
  IEEE/CVF Conference on Computer Vision and Pattern Recognition (**CVPR** Highlight), 2023

- Fangzhou Hong, **Zhaoxi Chen**, Yushi Lan, Liang Pan, Ziwei Liu.
  EVA3D: Compositional 3D Human Generation from 2D Image Collections
  International Conference on Learning Representations (**ICLR** Spotlight), 2023

- **Zhaoxi Chen**, Guangcong Wang, Ziwei Liu.
  Text2Light: Zero-shot Text-driven HDR Panorama Generation
  ACM Transactions on Graphics (**TOG**), 2022 (Proc. SIGGRAPH Asia)

- **Zhaoxi Chen**, Ziwei Liu.
  Relighting4D: Neural Relightable Human from Videos
  European Conference on Computer Vision (**ECCV**), 2022

- Yulin Wang*, **Zhaoxi Chen***, Haojun Jiang, Shiji Song, Yizeng Han, Gao Huang.
  Adaptive Focus for Efficient Video Recognition
  IEEE/CVF International Conference on Computer Vision (**ICCV** **Oral**), 2021

- Zhuolin Yang*, **Zhaoxi Chen**, Tiffany Cai, Xinyun Chen, Bo Li, Yuandong Tian*.
  Understanding Robustness in Teacher-Student Setting: A New Perspective
  International Conference on Artificial Intelligence and Statistics (**AISTATS**), 2021

ACADEMIC EXPERIENCE

- **MMLab@NTU, Nanyang Technological University**   08/2021 – now
  Ph.D. student supervised by Prof. Ziwei Liu

- **Department of Automation, Tsinghua University**   12/2020 – 07/2021
  Diploma thesis supervised by Prof. Gao Huang

  Adaptive Focus for Efficient Video Recognition

    - Proposed dynamic approaches to reduce spatial and temporal redundancy in video recognition.

- **Secure Learning Lab (SL2), Computer Science Department, UIUC**   06/2020 – 11/2020
  Intern advised by Prof. Bo Li

  Understanding Robustness in Teacher-Student Setting: A New Perspective

    – Leveraged the teacher-student framework to investigate adversarial examples of models.

- **ModLab, GRASP, University of Pennsylvania**   05/2020 – 09/2020
  Intern advised by Prof. Mark Yim

  Active Reconfiguration with SMORES-EP, a Modular Robot

      – Proposed a graph neural network based framework for reconfiguration of modular robots.

AWARDS

- **Meta Research PhD Fellowship** *Finalist*   2023
- **AISG PhD Fellowship** *Awardee*   2021

SERVICES

- **Conference Reviewer**   *CVPR 2023, ICCV 2023*

- **Journal Reviewer**   *TOG*

- **Teaching Assistant**

      – NTU SC2001/CE2101/CZ2101 Algorithm Design and Analysis, 2022
      – NTU SC1015/CE1115/CZ1115 Introduction to Data Science and Artificial Intelligence, 2022