

## EDUCATION

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- **The University of Texas at Austin** Austin, USA  
*Ph.D. of ECE, advised by Prof. Diana Marculescu* Aug. 2021 – Mar. 2025 (exp.)
- **Tsinghua University** Beijing, China  
*M.Eng of EE* Sept. 2016 – Jun. 2019
- **Huazhong University of Science and Technology** Wuhan, China  
*B.Eng of EE* Sept. 2012 – Jun. 2016

## RESEARCH INTERESTS

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- Vision-Language Models and Generative AI
- Efficient machine learning, multi-modal learning as well as their applications

## INDUSTRIAL EXPERIENCE

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- **Meta Generative AI** Menlo Park, United States  
*Research Scientist Intern; Work with Dr.Xiaoliang Dai* May 2024 – Present
- **Meta Generative AI** Menlo Park, United States  
*Research Scientist Intern; Work with Dr.Bichen Wu* May 2023 – Dec. 2023
- **Meta Reality Lab** Burlingame, United States  
*Research Scientist Intern; Work with Dr.Bichen Wu* May 2022 – Dec. 2022

## SELECTED PUBLICATIONS

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- “Looking Backward: Streaming Video-to-Video Translation with Feature Banks” **Feng Liang**, Akio Kodaira, Chenfeng Xu, Masayoshi Tomizuka, Kurt Keutzer, Diana Marculescu. **Manuscript**.
- “FlowVid: Taming Imperfect Optical Flows for Consistent Video-to-Video Generation” **Feng Liang**, Bichen Wu, Jialiang Wang, Licheng Yu, Kunpeng Li, Yinan Zhao, Ishan Misra, Jia-Bin Huang, Peizhao Zhang, Peter Vajda, Diana Marculescu. **CVPR 2024**.
- “Open-Vocabulary Semantic Segmentation with Mask-adapted CLIP” **Feng Liang**, Bichen Wu, Xiaoliang Dai, Kunpeng Li, Yinan Zhao, Hang Zhang, Peizhao Zhang, Peter Vajda, Diana Marculescu. **CVPR 2023**.
- “SupMAE: Supervised Masked Autoencoders Are Efficient Vision Learners” **Feng Liang**, Yangguang Li, Diana Marculescu. **AAAI-EIW2024, Best Poster Award**.
- “ANT: Adapt Network Across Time for Efficient Video Processing” **Feng Liang**, Ting-Wu Chin, Yang Zhou, Diana Marculescu. **CVPRW-ECV2022**.
- “Supervision Exists Everywhere: A Data Efficient Contrastive Language-Image Pre-training Paradigm” Yangguang Li\*, **Feng Liang\***, Lichen Zhao\*, Yufeng Cui, Wanli Ouyang, Jing Shao, Fengwei Yu, Junjie Yan. **ICLR2022**.

\*indicates equal contributions.

See full publications on Google scholar

## AI COMPETITIONS

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- **National College Students AI Competition – Championship in Big Data Tech.** Guangdong, China  
*Tsinghua University, Team Leader* Jan. 2018 – Apr. 2018
- **Junction 2018 - Challenge Winner in Intelligent Infrastructure Track** Helsinki, Finland  
*Tsinghua University, Vision Developer* Nov. 2018

## SELECTED HONORS & AWARDS

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- **MLCommons ML and Systems Rising Stars** MLCommons; 2024
- **Qualcomm Innovation Fellowship Finalist** Qualcomm; 2024
- **UT Austin Engineering Fellowship** UT Austin; 2021 & 2023
- **Excellent Student Leader** Tsinghua University; 2018
- **National Scholarship** Ministry of Education; 2014 & 2015

## ADDITIONAL INFORMATION

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- **English Proficiency:** TOEFL iBT: 110 (R30 L30 S23 W27)
- **Programming Skills:** Python(proficient), C++(familiar), C(basic)
- **Deep Learning Framework:** Pytorch(proficient), TensorFlow(familiar), Caffe(basic)
- **Leadership Activities:** President of Graduate Union of Department of Microelectronics and Nanoelectronics(2017-2018)