

Yinger Zhang

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Education

Zhejiang University

Bachelor, College of Information Science and Electronic Engineering

Sep. 2016 – June. 2020

Ranking: 3/108

University of California, Davis

Exchange student

June. 2018 – Sep. 2018

Zhejiang University

PhD, College of Information Science and Electronic Engineering

Sep. 2020 - June. 2025

Ranking: 2/17

Research Project

Multi-task Learning in Recommender Systems

May. 2020 - Sep. 2020

Lensless Imaging System based on Deep Learning

Mar. 2021 - Sep. 2022

- Mask-based lensless imaging system construction.
- Applying lensless imaging system to text detection and text recognition.
- Design Raw3dNet to realize gesture recognition using reconstructed-free raw data.
- Design a dual-branch network to improve the quality of lensless reconstruction.

Research on Uncertainty in Deep Learning

Nov. 2022 - Aug. 2023

- Research on Uncertainty in Deep Learning and Application in Recommendation Advertisement System.

PUBLICATIONS

[1] **Zhang, Yinger**, et al. "A Deep Learning Method for SAR Imaging in Sparse Field." 2021 International Applied Computational Electromagnetics Society (ACES-China) Symposium. IEEE, 2021. [\[paper\]](#)

[2] **Zhang, Yinger**, et al. "Text detection and recognition based on a lensless imaging system." Applied Optics 61.14 (2022): 4177-4186. [\[paper\]](#)

[3] **Zhang, Yinger**, et al. "Hand gestures recognition in videos taken with a lensless camera." Optics Express 30.22 (2022): 39520-39533. [\[paper\]](#)

[4] Xi, D., Chen, Z., Yan, P., **Zhang, Y.**, Zhu, Y., Zhuang, F., & Chen, Y. "Modeling the sequential dependence among audience multi-step conversions with multi-task learning in targeted display advertising," SIGKDD2021. [\[paper\]](#)

[5] **Zhang, Yinger**, et al. "Imaging Reconstruction based on Dual-Branch Fusion Model for Lensless camera". In submission.

Intern Experience

National University of Singapore, Research assistant

June. 2019 - Sep. 2019

Meituan, MLE intern

May. 2020 - Sep. 2020

Alibaba Group, MLE intern

Oct. 2021 - Dec. 2021

Ant Group, Research intern

Nov. 2022 - Aug. 2023

Honors and Scholarships

- Outstanding Graduates of Zhejiang Province (3% students awarded)
- Zhejiang Province Scholarship (3% students awarded)
- First-class Scholarship for Outstanding Student in Zhejiang University (5% students awarded)
- Honor of Outstanding Student Leaders in Zhejiang University (5% students awarded)

Skills

- **Programming Language:** Python, C, MATLAB, MySQL, Spark
- **Development Skills:** Linux System, Pytorch, Tensorflow
- **English degree:** TOFEL 95