Xin Lin

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Education

B.S. Student in Electronics and Information Engineering   2021-2025

SiChuan University   GPA of required course : 90.76/100   (Rank : 3/143)

Selected Publications

1. **Unsupervised Image Denoising in Real-World Scenarios via Self-Collaboration Parallel Generative Adversarial Branches.**

   Xin Lin, Xiao Liu, Jie Huang, Chao Ren and Yinjie Lei. **ICCV 2023**

2. **Unlocking Low-Light-Rainy Image Restoration by Pairwise Degradation Feature Vector Guidance.**

   Xin Lin, Jingtong Yue, Sixian Ding, Chao Ren, Chunle Guo, Chongyi Li and Ming-Hsuan Yang. **Submit to TIP**

3. **DINO-driven Multi-task Image Restoration.**

   Xin Lin, Chao Ren, Kelvin C.K Chan, Lu Qi, Jinshan Pan and Ming-Hsuan Yang. **Submit to CVPR 2024**

4. **Restore Anything with Masks: A Simple Pipline for All-in-One Blind Image Restoration**

   Chujie Qin, Ruiqi Wu, Zikun Liu, *Xin Lin*, Chun-Le Guo and Chongyi Li. **Submit to CVPR 2024**

Experience

University of California, Merced - Vision Learning Lab

•Visiting Student – Supervisor: *Prof.* Ming-Hsuan Yang   June 2023 - Present

Sichuan University

•Research Assistant – Supervisor: *Prof.* Chao Ren   March 2022 - Present

Research Interest

I have explored some directions: Image Generation, 3D Vision, Low-level Image Processing and Image Detection.

Academic Service

CVPR 2023   **Reviewer**
ACMMM 2023, 2024   **Reviewer**
IJCV   **Reviewer**

Selected Awards

•**National Scholarship, (**Top 0.2% nationwide,   highest scholarship in China)

•**HuaWen Scholarship, (**Top 1%)

•First-class Scholarship, Sichuan University, **(**Top 1%)

•Outstanding Student Award, Sichuan University, **(**Top 1%)

•Chinese Mathematics Competitions first prize, (Top 0.08% in Sichuan province)