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✓ GitHub

### **EDUCATION**

• University of Science and Technology of China

2021-present

Master of Electronic Engineering and Information Science

• Harbin Institute of Technology, Shenzhen

2017 - 2021

Bachelor of Automation

# RESEARCH INTERESTS

Computer vision and deep learning, especially on low-level vision, fake image detection, generative models, and text2image generation.

#### EXPERIENCES

• Computer Vision Lab, Huawei Noak'Ark Lab

2020.08-2021.07

Research Intern (Supervised by Prof. Jianzhuang Liu)

Shenzhen

\* Focusing on low-level vision, especially image restoration.

#### **PUBLICATIONS**

### **DIRE** for Diffusion-Generated Image Detection

Preprint 2023

Zhendong Wang\*, Jianmin Bao\*, Wengang Zhou, Weilun Wang, Hezhen Hu, Hong Chen, Houqiang Li

[paper] [code]

### AltFreezing for More General Video Face Forgery Detection

CVPR 2023

Zhendong Wang\*, Jianmin Bao\*, Wengang Zhou, Weilun Wang, Houqiang Li

[Highlight paper ( $\sim 2.5\%$ )][code]

#### Uformer: A General U-Shaped Transformer for Image Restoration

CVPR 2022

Zhendong Wang, Xiaodong Cun, Jianmin Bao, Wengang Zhou, Jianzhuang Liu, Houqiang Li

[paper][code] PaperDigest Most Influential Papers

### SKILLS

- Languages: Python, Matlab, C, Latex.
- Tools: Pytorch, Docker.

## ACADEMIC SERVICES

- Conference Reviewer: CVPR, ICCV, NeurIPS, IJCAI.
- Journal Reviewer: TMM, TCSVT.

#### AWARDS AND HONORS

| • Outstanding graduates of HIT.                                   | 2021 |
|---|------|
| • National Scholarship.   | 2019 |
| • Provincial first-prize in The Chinese Mathematics Competitions. | 2019 |
| • National second-prize in ABU Robocon Robot Competitions.        | 2019 |