Zhendong Wang ⌂ Homepage 🎓 Google Scholar   ☎ (+86)13692242934

4th-year PhD student   ✉ zhendongwang6@outlook.com

University of Science and Technology of China   ○ GitHub

EDUCATION

- **University of Science and Technology of China**   **2021–present**
  Ph.D. of Electronic Engineering and Information Science

- **Harbin Institute of Technology, Shenzhen**   **2017–2021**
  Bachelor of Automation

RESEARCH INTERESTS

My current research interests are computer vision and deep learning, especially generative models and text2image generation. Before that, I researched low-level vision and deepfake detection.

EXPERIENCES

- **Vision Computing Group, Microsoft Research Asia**   **2023.07–2024.06**
  Research Intern (Supervised by Dr. Jianmin Bao)   Beijing
  * Focusing on generative models, especially text2image generation.

- **Computer Vision Lab, Noak'Ark Lab**   **2020.08–2021.07**
  Research Intern (Supervised by Prof. Jianzhuang Liu)   Shenzhen
  * Focusing on low-level vision, especially image restoration.

PUBLICATIONS

DesignDiffusion: High-Quality Text-to-Design Image Generation with Diffusion Models   **CVPR 2025**
Zhendong Wang, Jianmin Bao, Shuyang Gu, Dong Chen, Wengang Zhou, Houqiang Li
[paper] [code]

SmartEraser: Remove Anything from Images using Masked-Region Guidance   **CVPR 2025**
Longtao Jiang*, **Zhendong Wang***, Jianmin Bao*, Wengang Zhou, Dongdong Chen, Lei Shi,
Dong Chen, Houqiang Li
[paper] [code]

DIRE for Diffusion-Generated Image Detection   **ICCV 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
[Oral paper (∼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 in CVPR 2022]

SKILLS

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

ACADEMIC SERVICES

- **Conference Reviewer: CVPR, ICCV, ECCV, NeurIPS, ICLR, AAAI, ICML, IJCAI.**
- **Journal Reviewer: TPAMI, IJCV, TIP, TMM, TCSVT.**

Awards and Honors

- Stars of Tomorrow Internship in MSRA. **2024**
- National Scholarship. **2023**
- 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**