

RUNYI LI

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🎓 EDUCATION

Peking University	2023.08 – Present
<i>Master student</i> in Computer Science, supervised by Prof. Jian Zhang, GPA 3.86/4, IELTS 7.0	
Sichuan University	2019.09 – 2023.06
<i>B.S.</i> in Computer Science, Honour Graduate, supervised by Prof. Lei Zhang, GPA 3.91/4, ranking top 2%	

⚙️ SELECTED PUBLICATIONS

Generative AI for Low-level Vision

- **R Li**, X Sheng, W Li, J Zhang. OmniSSR: Zero-shot Omnidirectional Image Super-Resolution using Stable Diffusion Model. *ECCV 24 Oral*.

Generative AI with Privacy and Trustworthy

- X Zhang, **R Li**, J Yu, Y Xu, W Li, J Zhang. EditGuard: Versatile Image Watermarking for Tamper Localization and Copyright Protection. *CVPR 24*
- X Zhang, Y Xu, **R Li**, J Yu, W Li, Z Xu, J Zhang. V2A-Mark: Versatile Deep Visual-Audio Watermarking for Manipulation Localization and Copyright Protection. *ACMMM 24*
- X Zhang, J Meng, **R Li**, Z Xu, J Zhang. GS-Hider: Hiding Messages into 3D Gaussian Splatting. *NeurIPS 24*
- Z Xu, X Zhang, **R Li**, Z Tang, Q Huang, J Zhang. Fakeshield: Explainable image forgery detection and localization via multi-modal large language models. *ICLR 25*
- X Zhang, Z Tang, Z Xu, **R Li**, Y Xu, B Chen, F Gao, J Zhang. OmniGuard: Hybrid Manipulation Localization via Augmented Versatile Deep Image Watermarking. *CVPR 25*

⚙️ MANUSCRIPTS UNDER REVIEW

Generative AI for Low-level Vision

- **R Li**, B Chen, J Zhang, R Timofte. CTSR: Controllable Fidelity-Realness Trade-off Distillation for Real-World Image Super Resolution. *ICCV 25 submission*.
- X Sheng, **R Li**, B Chen, W Li, X Jiang, J Zhang. RealOSR: Latent Unfolding Boosting Diffusion-based Real-world Omnidirectional Image Super-Resolution. *ICCV 25 submission*.

Generative AI with Privacy and Trustworthy

- **R Li**, X Zhang, Z Xu, Y Zhang, J Zhang. Protect-Your-IP: Scalable Source-Tracing and Attribution against Personalized Generation. *IEEE TIFS under review (SCI JCR Q1, IF=6.8)*
- **R Li**, X Zhang, C Tong, Z Xu, J Zhang. GaussianSeal: Rooting Adaptive Watermarks for 3D Gaussian Generation Model. *MIR under review (SCI JCR Q1, IF=6.4)*

👥 EXPERIENCE

Universität Würzburg <i>Visiting Student</i>	2024.10 – 2025.03
Supervised by Prof. Radu Timofte; Low-level Vision, Real-world Image Super-resolution	
RabbitPre Intelligent Technology Co., Ltd. <i>Algorithm Engineer</i>	2024.04 – Present
Copyright & Privacy Protection, Personalized AIGC	
School of Physics , Peking University <i>Visiting Student</i>	2024.12 – Present
Co-supervised by Prof. Lixin Xiao; AI for Chemistry and Materials Research	

♥️ SELECTED HONORS AND AWARDS

Outstanding Student of Peking University	2024
Outstanding Graduate of Sichuan Province	2023
National Scholarship of China	2022