

# Guangpin Tao

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## CONTACT INFORMATION

163 Xianlin Avenue, Qixia District,  
Nanjin University, Nanjing  
Jiangsu, P. R. China.

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## RESEARCH INTERESTS

Image and Video Restoration, Generative Adversarial Networks(GAN).

## EDUCATION

**Department of Computer Science and Technology, Nanjing University (NJU)**, Jiangsu,  
P. R. China

M.E., Pattern recognition and computer vision, July 2022

- GPA: 3.80 / 4.0
- Advisor: Professor Tong Lu

**College of Computer Science, NanKai University (NKU)**, Tianjin, P. R. China

B.S., Intelligent Computing System Lab, Sept. 2015 - July 2019

- GPA: 3.72 / 4.0
- Advisor: Associate Professor Kai Wang
- Dissertation: "Research and Implementation of Text Location and Recognition in Low-resolution Image"

## HONORS AND AWARDS

- **National Scholarship** (RMB 20K Bonus), NJU, 2021
- **First Grade Scholarship** (RMB 12K Bonus), NJU, 2020
- Second Grade Scholarship (RMB 10K Bonus), NJU, 2019
- Huawei Scholarship (RMB 8K Bonus), NKU, 2018
- The 7th Prize (2%) in the **NTIRE21** (CVPR21 workshop) track low-resolution image deblurring.
- Excellence Award (top 1%) in IKCEST international big-data competition, 2019

## WORK EXPERIENCE

- Intern researcher in **Tencent Youtu Lab, Shanghai** Dec., 2020 - Aug., 2021

## RELATED PAPERS

1. **Spectrum-to-Kernel Translation for Accurate Blind Image Super-Resolution**  
**Guangpin Tao**, Xiaozhong Ji, Wenzhuo Wang, Shuo Chen, Chuming Lin, Yun Cao, Tong Lu†, Donghao Luo, Ying Tai, (Advances in Neural Information Processing Systems (NeurIPS), 2021, **CCF-A**).
2. **Frequency Consistent Adaptation for RealWorld Super Resolution**  
Xiaozhong Ji\*, **Guangpin Tao\***, Yun Cao, Ying Tai, Tong Lu†, Chengjie Wang, Jilin Li, Feiyue Huang, (In Proceedings of the AAAI Conference on Artificial Intelligence, pages 1664–1672, 2021, **CCF-A**).

## PROJECT EXPERIENCE

1. Development of big data risk control software system of Nanjing Customs.
2. 3D detection of tire bubble protrusion defects and 2D detection of general defects.

## COMPUTER SKILLS

1. Proficient in Python, C++.
2. Familiar with Linux environment, familiar with Linux platform development environment set up.