Kangfu **MEI**

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Sum**mary**

My research interests include computational photography and computer vision. I'm familiar in Python, JavaScript, Shell, and other related programming languages. Besides research, I take a strong interest in photography, travel, and video games. My publications can be referred to `https://scholar.google.com/citations?user=e_nu_TIAAAAJ&hl=zh-CN&authuser=1`

Edu**cation**

Johns Hopkins University *Maryland, US*

ELECTRICAL AND COMPUTER ENGINEERING - FIRST-YEAR PHD STUDENT *Sep. 2021 -*

- supervised by Prof. Vishal M. Patel.

The Chinese University of Hong Kong, Shenzhen *Shenzhen, China*

COMPUTER AND INFORMATION ENGINEERING - MASTER OF PHILOSOPHY (GPA: 3.5/4) *Sep. 2019 - Jun. 2021*

- 2019-2021 Research Assistant Scholarship

Jiangxi Normal University *Nangchang, Chian*

COMPUTER SCIENCE AND TECHNOLOGY - BACHELOR (GPA: 3.4/4) GRADUATED WITH HIGH DISTINCTION *Sep. 2015 - Jun. 2019*

- 2015-2016 University Scholarship / China Telecommunications Scholarship

Exp**erience**

DAMO Academy, Alibaba-Group

RESEARCH INTERN *Jul. 2020 - OCt. 2020*

- Worked on automatic old film reparation in the help of GAN inversion under limited dataset.

Kwai Technology

IMAGE ALGORITHM ENGINEER INTERN *Jul. 2018 - Jun. 2019*

- Worked on improving the photography capability of low-quality mobile cameras by Deep Learning.

JD.COM

SOFTWARE ARCHITECTURE ENGINEER INTERN *Jul. 2017 - Nov. 2017*

- Worked on Intelligent Poster Generation System as a front-end software engineer.

Hon**ors & Awards**

INTERNATIONAL

2019	**1st Place,** Advances in Image Manipulation Challenges (RAW2RGB) in conjunction with ICCV 2019	*Seoul, Korea*
2019	**Oral,** Learning for Computational Imaging (LCI) Workshop in conjunction with ICCV 2019	*Seoul, Korea*
2018	**6th Place and Honorable Mention Award,** NTIRE-CVPR 2018 (Dehazing)	*Salt Lake City, US*

DOMESTIC

2019	**4th Place and Geek Award,** Alibaba-Youku Video Enhancement and Super Resolution Challenge (4/1514)	*Hangzhou, China*
2018	**3rd Place,** Single Image Dehazing Challenge in conjunction with ChinaMM 2018	*Xian, China*
2018	**Gold Award & Best innovative Award,** University Programming Challenge in Pearl River Delta (1/3000~)	*Macau, China*
2017	**24th Place,** JD.COM Potential User Prediction (24/4240)	*Beijing, China*
2016	**2nd Award,** National Computer Program Design Challenge	*Shanghai, China*

Res**earch**

Connections Exploration between The Image Restoration and Understanding

LEADER *Jul. 2018 - Present*

- In the research, my works mainly focus on improving the performance low-level vision tasks, e.g., super-resolution, de-hazing, and enlighten with high-level vision features. As well as improving the high-level vision tasks, i.e., semantic segmentation on restored degraded scenes with image enhancement technologies.

Aca**demic Service**

- Reviewer of IJCV/TIP/TMM/TCSVT/CVIU/SPL/CVPR22