

Wang Junke

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Education

September 2017—

June 2021

Degree: Bachelor of Science in Computer Science

Where: Fudan University, China.

GPA: 3.75 / 4.0

September 2019—

December 2020

Degree: Exchange Program in Computer Engineering

Where: University of California, USA.

GPA: 4.0 / 4.0

Publication

TDRNet: A Robust Blind Face Image Inpainting Method

Junke Wang, Shaoxiang Chen, Yugang Jiang

Depth Guided Adaptive Meta-Fusion Network for Few-shot Video Recognition

Yuqian Fu, Li Zhang, **Junke Wang**, Yanwei Fu, Yugang Jiang

Research

July 2020—

December 2020

Project: Blind Face Inpainting

Where: Fudan University

Advisor: Prof. Jiang Yugang

Contributions:

- I propose to detect the abnormal regions on a face image based on prior inconsistency and contextual incoherence.
- I propose a top-down refinement block to restore features at different levels hierarchically.
- I write the complete code and train the model.

December 2019—

May 2020

Project: Few-shot Video Classification

Where: Fudan University

Advisor: Prof. Jiang Yugang

Contributions:

- I implement the code of the module **Temporal Asynchronization Mechanism**, which is a fancy data augmentation method.
- I try to use the object modality feature to recognize the interaction information of the scenes.
- I train the overall model on UCF-101 and HMDB dataset.

Intern

July 2020—

September 2020

Project: Face Attribute Manipulation

Where: Tencent

Advisor: Dr. Yu Gang

Contributions:

- I train a GAN model for face inpainting, and manually design the mask and manipulate the landmark for attribute editing.

Honors and awards

- First Class Scholarship (2019)
- Uniqlo Scholarship (2019)
- Excellent Students Scholarship (2018)