

Junke Wang

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EDUCATION

Fudan University

Shanghai, China.

Ph.D of Computer Science,

supervised by Prof. Yu-Gang Jiang and Prof. Zuxuan Wu.

Sep 2021 ~ Jun 2026 (expected)

Fudan University

Shanghai, China.

Bachelor of Computer Science. GPA: 3.76 /4.0 Rank: 3/ 156.

Sep 2017 ~ Jun 2021

University of California, Irvine

California, USA.

Exchange Student in School of Computer Engineering. GPA: 4.0 /4.0.

Sep 2020 ~ Dec 2020

Research Interest

My research interest lies in computer vision and deep learning, with the emphasis on **video action recognition** and **media forensics**.

Publication

- Efficient Video Transformers with Spatial-Temporal Token Selection. **Arxiv, 24 Nov 2021.**
Junke Wang*, Xitong Yang*, Hengduo Li, Zuxuan Wu, Yu-Gang Jiang.
- M2TR: Multi-modal Multi-scale Transformers for Deepfake Detection. **ICMR 2022.**
Junke Wang, Zuxuan Wu, Wenhao Ouyang, Xintong Han, Jingjing Chen, Ser-Nam Lim, Yu-Gang Jiang.
- ObjectFormer for Image Manipulation Detection and Localization. **CVPR 2022.**
Junke Wang, Zuxuan Wu, Jingjing Chen, Xintong Han, Abhinav Shrivastava, Yu-Gang Jiang, Ser-Nam Li.
- FT-TDR: Frequency-guided Transformer and Top-Down Refinement Network for Blind Face Inpainting. **Transactions on Multimedia 2022.**
Junke Wang, Shaoxiang Chen, Zuxuan Wu, Yu-Gang Jiang.
- Depth Guided Adaptive Meta-Fusion Network for Few-shot Video Recognition. **ACM MM 2020.**
Yuqian Fu, Li Zhang, **Junke Wang**, Yanwei Fu, Yu-Gang Jiang.

Project

PyDeepFakeDet: We build a codebase for the training and evaluation of Deepfake detection models on commonly used benchmarks.

Research Experiences

Tencent, Guangying Lab

Jun 2020 – Sep 2020

Face attribute editing, supervised by Dr. Yu Gang.

Honors & Awards

- Outstanding Graduates in Shanghai (2021)
- First Class Scholarship (2018, 2019, 2021)
- Excellent Students in Fudan University (2020)
- Uniqlo Scholarship (33 undergrads from China). (2019)

Skills

- Programming: Python, C/C++, LATEX, R, MATLAB, HTML
- Language: Chinese-Native, English-Fluent (Toefl 99 pts)