Junke Wang

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EDUCATION

Fudan University　　　　　　　　　　　　　　　　　　　　　　　Shanghai, China
Ph.D, School of Computer Science and Technology.　　　*Sep 2021 ∼ Jun 2026 (expected)*
Supervisor: Prof. Yu-Gang Jiang and Prof. Zuxuan Wu.

Fudan University　　　　　　　　　　　　　　　　　　　　　　　Shanghai, China
Bachelor, School of Computer Science and Technology.　　　*Sep 2017 ∼ Jun 2021*
GPA: 3.76 /4.0 **Rank**: 3/ 156.

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 understanding** and **media forensics**.

RESEARCH EXPERIENCES

Microsoft.　　　　　　　　　　　　　　　　　　　　　　　　　　Cloud AI.
Supervisor: *Dr. Dongdong Chen.* Large-scale Vision-Language Pretraining.　*Feb 2022 – Present*

Tecent.　　　　　　　　　　　　　　　　　　　　　　　　　　Guangying Lab.
Supervisor: *Dr. Yu Gang.* Face attributing editing.　　　*Jun 2020 – Sep 2020*

PUBLICATIONS

(* denotes equal contribution.)

- OmniVL:One Foundation Model for Image-Language and Video-Language Tasks. *NeurIPS, 2022.*
  Junke Wang, Dongdong Chen, Zuxuan Wu, Chong Luo, Luowei Zhou, Yucheng Zhao, Yujia Xie, Ce Liu, Yu-Gang Jiang, Lu Yuan.

- Efficient Video Transformers with Spatial-Temporal Token Selection. *ECCV, 2022.*
  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. *TMM, 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.

HONORS AND AWARDS

- Outstanding Graduates in Shanghai (Top 5%). 2021
- Uniqlo Scholarship (33 undergrads from China). 2019
- First Class Scholarship (Top 10%). 2018, 2019, 2021
- Excellent Students in Fudan University. 2020

SERVICES

- Reviewer for CVPR 2022, ECCV 2022, AAAI 2023.