

ZHAOKAI WANG

Ph.D. student at Shanghai Jiao Tong University
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EDUCATION

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| Beihang University , Beijing | 09/2018 — 06/2022 |
| BS in Computer Science | Overall GPA: 3.80 |
| Peking University , Beijing | 09/2019 — 06/2022 |
| Double bachelor degree in Economics | |
| Shanghai Jiao Tong University , Shanghai | 09/2022 — Present |
| Joint Ph.D. program with Shanghai AI Laboratory | Advisor: Prof. Jifeng Dai |

EXPERIENCE

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| CoLab, Institute of Artificial Intelligence at Beihang University | Beijing |
| Research intern, collaborated with Prof. Si Liu | 08/2019 - 06/2022 |
| <ul style="list-style-type: none">Research on computer vision and music generation. | |
| Sea AI Lab | Remotely at Beijing |
| Research intern, collaborated with Prof. Shuicheng Yan and Dr. Jibin Wu | 08/2021 - 02/2022 |
| <ul style="list-style-type: none">Research on music generation. | |
| Fundamental Vision Group, SenseTime | Beijing |
| Research intern, collaborated with Prof. Jifeng Dai and Dr. Xizhou Zhu | 02/2022 - 10/2022 |
| <ul style="list-style-type: none">Research on computer vision. | |
| OpenGVLab, Shanghai AI Laboratory | Shanghai |
| Research intern, collaborated with Prof. Jifeng Dai | 11/2022 - Present |
| <ul style="list-style-type: none">Research on computer vision. | |

PUBLICATIONS

- Confidence-aware Non-repetitive Multimodal Transformers for TextCaps AAAI 2021
Zhaokai Wang, Renda Bao, Qi Wu, Si Liu
- Video Background Music Generation with Controllable Music Transformer ACM MM 2021 **Best Paper**
Shangzhe Di, Zeren Jiang, Si Liu, **Zhaokai Wang**, Leyan Zhu, Zexin He, Hongming Liu, Shuicheng Yan
- Video Background Music Generation: Dataset, Method and Evaluation ICCV 2023
Le Zhuo*, **Zhaokai Wang***, Baisen Wang*, Yue Liao, Chenxi Bao, Stanley Peng, Songhao Han, Aixi Zhang, Fei Fang, Si Liu
- Auto MC-Reward: Automated Dense Reward Design with Large Language Models for Minecraft Preprint
Hao Li*, Xue Yang*, **Zhaokai Wang***, Xizhou Zhu, Jie Zhou, Yu Qiao, Xiaogang Wang, Hongsheng Li, Lewei Lu, Jifeng Dai

SELECTED AWARDS AND HONORS

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| ACM Multimedia 2021 Best Paper Award | 2021 |
| IJCAI-21 Video Competition Best Video Award | 2021 |
| First place of CVPR TextCaps Challenge (as team leader) | 2020 |
| Third place of CVPR TextVQA Challenge (as team leader) | 2020 |

ADDITIONAL INFORMATION

Activities

- Conference Reviewer:** ICCV 2023, CVPR 2024.
- Teaching Assistant:** Fundamentals of Computers, Software Engineering.
- Vice-minister of Department of Publicity in Honors College Student Union.
- Minister of IT Department in Microsoft Student Club of Beihang University.

Skills

- Programming languages:** Python, C/C++, Java, Javascript.
- Scientific packages:** Numpy, Pytorch, Tensorflow.
- English:** TOEFL 111 (S26) , GRE 327+4.0, CET-4 669, CET-6 612.