# ZHAOKAI WANG

Ph.D. student at Shanghai Jiao Tong University

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## EDUCATION

**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

**CoLab, Institute of Artificial Intelligence at Beihang University**                   Beijing
Research intern, collaborated with Prof. Si Liu                                         08/2019 - 06/2022
- 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
- Research on music generation.

**Fundamental Vision Group, SenseTime**                                                 Beijing
Research intern, collaborated with Prof. Jifeng Dai and Dr. Xizhou Zhu                  02/2022 - 10/2022
- Research on computer vision.

**OpenGVLab, Shanghai AI Laboratory**                                                   Shanghai
Research intern, collaborated with Prof. Jifeng Dai                                     11/2022 - Present
- Research on computer vision.

## PUBLICATIONS

1. Confidence-aware Non-repetitive Multimodal Transformers for TextCaps                 AAAI 2021
   **Zhaokai Wang**, Renda Bao, Qi Wu, Si Liu
2. 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
3. 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

## SELECTED AWARDS AND HONORS

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 2023.
- **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.