

ZHAOKAI WANG

PhD student at Shanghai Jiao Tong University
+86 13651101915 | wangzhaokai@sjtu.edu.cn

EDUCATION

Beihang University BS in Computer Science	Beijing, China August 2018 – June 2022
Peking University Double bachelor degree in Economics	Beijing, China September 2019 – June 2022
Shanghai Jiao Tong University Joint PhD program with Shanghai Artificial Intelligence Laboratory (Supervisor: Prof. Jifeng Dai)	Shanghai, China September 2022 – Present

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 Award**)
Shangzhe Di, Zeren Jiang, Si Liu, **Zhaokai Wang**, Leyan Zhu, Zexin He, Hongming Liu, Shuicheng Yan
- Video Background Music Generation: Dataset, Method and Evaluation (Preprint)
Le Zhuo*, **Zhaokai Wang***, Baisen Wang*, Yue Liao, Stanley Peng, Chenxi Bao, Miao Lu, Xiaobo Li, Si Liu

RESEARCH EXPERIENCE

Beihang University (School of Computer Science and Engineering) Research Assistant to Associate Professor Si Liu.	Beijing, China August 2019 – June 2022
<ul style="list-style-type: none">Researched on Visual Question Answering and Image Captioning with reading comprehension. Won first place of CVPR TextCaps Challenge 2020 and third place of TextVQA Challenge 2020. One paper (as first author) accepted by AAAI 2021.Worked on video background music generation following Prof. Shuicheng Yan (ACM fellow) from National University of Singapore. One paper accept by ACM MM 2021 as Best Paper Award.	

WORKING EXPERIENCE

Sea AI Lab Research Assistant to Prof. Shuicheng Yan and Dr. Jibin Wu	Remotely at Beijing August 2021 – February 2022
<ul style="list-style-type: none">Research on video background music generation.	
SenseTime - Fundamental Vision Group Research Assistant to Prof. Jifeng Dai and Dr. Xizhou Zhu	Beijing, China February 2022 – October 2022
<ul style="list-style-type: none">Research on computer vision.	
Shanghai Artificial Intelligence Laboratory - General Vision Group Research Assistant to Prof. Jifeng Dai	Shanghai, China November 2022 – Present
<ul style="list-style-type: none">Research on computer vision.	

SELECTED AWARDS AND HONORS

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

ADDITIONAL INFORMATION

Extracurricular Experiences <ul style="list-style-type: none">Vice-minister of Department of Publicity in Honors College Student UnionTeaching Assistant of Fundamentals of Computers and Software Engineering at Beihang UniversityMinister of IT Department in Microsoft Student Club of Beihang University
Language and Computer Skills <ul style="list-style-type: none">Programming languages: Python, C/C++, Java, JavascriptScientific packages: Numpy, Pytorch, TensorflowEnglish: TOEFL 111 (S26) , GRE 327+4.0, CET-4 669, CET-6 612