

# ZHAOKAI WANG (王肇凯)

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## EDUCATION

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

## EXPERIENCE

OpenGVLab, Shanghai AI Laboratory	Shanghai
Research intern, collaborated with Prof. Jifeng Dai and Dr. Xizhou Zhu	11/2022 - Present
Fundamental Vision Group, SenseTime	Beijing
Research intern, collaborated with Prof. Jifeng Dai and Dr. Xizhou Zhu	02/2022 - 10/2022
Sea AI Lab	Remotely at Beijing
Research intern, collaborated with Prof. Shuicheng Yan and Dr. Jibin Wu	08/2021 - 02/2022
CoLab, Institute of Artificial Intelligence at Beihang University	Beijing
Research intern, collaborated with Prof. Si Liu	08/2019 - 06/2022

## PUBLICATIONS

- Parameter-Inverted Image Pyramid Networks NeurIPS 2024 (Spotlight)  
Xizhou Zhu\*, Xue Yang\*, **Zhaokai Wang\***, Hao Li, Wenhan Dou, Junqi Ge, Lewei Lu, Yu Qiao, Jifeng Dai
- Synergizing Spatial Optimization with Large Language Models for Open-Domain Urban Itinerary Planning KDD UrbComp 2024 (**Best Paper**)  
Yihong Tang\*, **Zhaokai Wang\***, Ao Qu\*, Yihao Yan\*, Zhaofeng Wu, Dingyi Zhuang, Jushi Kai, Kebin Hou, Xiaotong Guo, Jinhua Zhao, Zhan Zhao, Wei Ma
- Auto MC-Reward: Automated Dense Reward Design with Large Language Models for Minecraft CVPR 2024  
Hao Li\*, Xue Yang\*, **Zhaokai Wang\***, Xizhou Zhu, Jie Zhou, Yu Qiao, Xiaogang Wang, Hongsheng Li, Lewei Lu, Jifeng Dai
- 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
- 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
- Confidence-aware Non-repetitive Multimodal Transformers for TextCaps AAAI 2021  
**Zhaokai Wang**, Renda Bao, Qi Wu, Si Liu

## SELECTED AWARDS AND HONORS

Best Paper Award, KDD Urban Computing Workshop (UrbComp) 2024	2024
Best Zero to One Award, Alibaba Creator@AI Entrepreneur Hackathon Finals	2024
Best Paper Award, ACM Multimedia 2021	2021
Best Video Award, IJCAI 2021 Video Competition	2021
First place, CVPR TextCaps Challenge	2020
Third place, CVPR TextVQA Challenge	2020

## ADDITIONAL INFORMATION

### Activities

- Conference Reviewer:** ICCV 2023, CVPR 2024, ECCV 2024, NeurIPS 2024, EMNLP 2024, AAAI 2025, ICLR 2025.
- Teaching Assistant:** Fundamentals of Computers (2021), Software Engineering (2022).

### 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.