

Ziyang Wang

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EDUCATION

The University of North Carolina at Chapel Hill

Ph.D. student in Computer Science department

Chapel Hill, NC

Expected May 2027

- Advisor: [Prof. Mohit Bansal](#)
- Research Interest: multi-modal learning, parameter-efficient transfer learning

University of Electronic Science and Technology of China

Bachelor of Software Engineering

Chengdu, China

Sept 2018 - July 2022

- GPA: 3.92/4
- Weighted Average: 89.81/100

RESEARCH EXPERIENCE

Research Assistant

UNC Chapel Hill

September 2022 – present

Chapel Hill, NC

- Worked with [Prof. Mohit Bansal](#)
- Have broad interest in multi-modal learning, parameter-efficient transfer learning

Research Intern

Tsinghua University

October 2021 – May 2022

Beijing, China

- Work with [Prof. Jingjing Liu](#) on multimodality
- Focus on multimodal learning, especially transferring the image-text pretraining knowledge to video-text tasks.
- Have experiences in Vehicle-Infrastructure Cooperative 3D Object Detection

Research Assistant

UESTC

January 2021 – September 2021

Chengdu, China

- Worked with [Prof. Jingjing Li](#) on zero-shot learning
- Proposed a novel ZSL method to improve the alignment between semantic space and visual space in a region-based manner
- Our paper “Region Semantically Aligned Network for Zero-Shot Learning” has been accepted by CIKM2021 as an oral paper
- Our paper “Language-Augmented Pixel Embedding for Generalized Zero-shot Learning” has been accepted by TCSVT in 2022

PUBLICATION

1. **Ziyang Wang**, Yunhao Gou, Jingjing Li, Yu Zhang, and Yang Yang. 2021. Region Semantically Aligned Network for Zero-Shot Learning. In Proceedings of the 30th ACM International Conference on Information and Knowledge Management (**CIKM’ 21 oral**)
2. **Ziyang Wang**, Yunhao Gou, Jingjing Li, Lei Zhu, Heng Tao Shen. 2021. Language-Augmented Pixel Embedding for Generalized Zero-shot Learning. IEEE Transactions on Circuits and Systems for Video Technology(**TCSVT**), 2022