

ZINENG TANG

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EDUCATION

University of North Carolina at Chapel Hill, Chapel Hill NC, USA 2019 Aug. – Present
Undergraduate Student B.S. in Mathematics and Computer Science

EXPERIENCE

UNC NLP - MURGe-Lab 2019 Nov. - Present
Undergraduate Research Assistant

I research with Prof. Mohit Bansal on multi-modal understanding/generation, language understanding/generation, etc.

Microsoft Research 2022 May. - Aug.
Research Intern

I am mentored by Senior Researcher Dr. Ziyi Yang and research on document AI in Cognitive Services Research Group.

PUBLICATIONS

- Unifying Vision, Text, and Layout for Universal Document Processing
Zineng Tang, Ziyi Yang, Guoxin Wang, Yuwei Fang, Yang Liu, Chenguang Zhu, Michael Zeng, Cha Zhang, Mohit Bansal - Arxiv [pdf]
- TVLT: Textless Vision-Language Transformer
***Zineng Tang**, *Jaemin Cho, *Yixin Nie, Mohit Bansal - **Neurips 2022 (Oral)** [pdf]
- Perceiver-VL: Efficient Vision-and-Language Modeling with Iterative Latent Attention
***Zineng Tang**, *Jaemin Cho, Jie Lei, Mohit Bansal - **WACV 2023** [pdf]
- VidLanKD: Improving Language Understanding via Video-Distilled Knowledge Transfer
Zineng Tang, Jaemin Cho, Hao Tan, Mohit Bansal - **Neurips 2021** [pdf]
- Continuous Language Generative Flow
Zineng Tang, Shiyue Zhang, Hyounghun Kim, Mohit Bansal - **ACL 2021** [pdf]
- DeCEMBERT: Learning from Noisy Instructional Videos via Dense Captions and Entropy Minimization
***Zineng Tang**, *Jie Lei, Mohit Bansal - **NAACL 2021** [pdf]
- Dense-Caption Matching and Frame-Selection Gating for Temporal Localization in VideoQA
Hyounghun Kim, **Zineng Tang**, Mohit Bansal - **ACL 2020** [pdf]
- Deep Colorization by Variation (Short Paper)
Zineng Tang - **CIKM 2019** [pdf]

OTHER SKILLS

- *Kaggle* Competed in data science/machine learning competitions on Kaggle and won two silver medals.
- *IOS developer* Developed/published an IOS photo filter app based on Swift with image editing and style transfer.

HONORS

- NeurIPS 2022 Scholar Award
- CRA Outstanding Undergraduate Researcher Awards 2023 - Awardee.