

Liunian Harold Li

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EDUCATION AND EXPERIENCE

Ph.D. Student University of California, Los Angeles; Adviser: Kai-Wei Chang	Sep. 2019 – Now
B.S. in Computer Science Peking University	Aug. 2015 – Jun. 2019
Research Intern AI2; Mentor: Jack Hessel, Yejin Choi	Jun. 2022 – Sep. 2022
Research Intern Microsoft Research; Mentor: Pengchuan Zhang, Jianfeng Gao	Jun. 2021 – Sep. 2021
Research Assistant University of California, Los Angeles; Adviser: Kai-Wei Chang	Jun. 2018 – Sep. 2018
Research Assistant Peking University; Adviser: Xiaojun Wan	Sep. 2016 – Jun. 2018

SELECTED AWARDS

Google Ph.D. Fellowship 2023	Sep. 2023
CVPR Best Paper Finalist	Jun. 2022
Amazon-UCLA Fellowship 2021	Jan. 2022
Outstanding Graduate of Peking University	Jun. 2019

PUBLICATIONS

- Liunian Harold Li***, Zi-Yi Dou*, Nanyun Peng, and Kai-Wei Chang. DesCo: Learning object recognition with rich language descriptions. *NeurIPS*, 2023
- Liunian Harold Li**, Jack Hessel, Youngjae Yu, Xiang Ren, Kai-Wei Chang, and Yejin Choi. Symbolic chain-of-thought distillation: Small models can also “think” step-by-step. *ACL*, 2023
- Honghua Zhang, **Liunian Harold Li**, Tao Meng, Kai-Wei Chang, and Guy Van den Broeck. On the paradox of learning to reason from data. *IJCAI*, 2023
- Haotian Zhang, Pengchuan Zhang, Xiaowei Hu, Yen-Chun Chen, **Liunian Harold Li**, Xiyang Dai, Lijuan Wang, Lu Yuan, Jenq-Neng Hwang, and Jianfeng Gao. GLIPv2: Unifying localization and vision-language understanding. *NeurIPS*, 2022
- Chunyuan Li, Haotian Liu, **Liunian Harold Li**, Pengchuan Zhang, Jyoti Aneja, Jianwei Yang, Ping Jin, Yong Jae Lee, Houdong Hu, Zicheng Liu, et al. ELEVATER: A benchmark and toolkit for evaluating language-augmented visual models. *NeurIPS Datasets and Benchmarks Track*, 2022
- Liunian Harold Li***, Pengchuan Zhang*, Haotian Zhang*, Jianwei Yang, Chunyuan Li, Yiwu Zhong, Lijuan Wang, Lu Yuan, Lei Zhang, Jenq-Neng Hwang, Kai-Wei Chang, and Jianfeng Gao. Grounded language-image pre-training. *CVPR (Best Paper Finalist)*, 2022
- Sheng Shen*, **Liunian Harold Li***, Hao Tan, Mohit Bansal, Anna Rohrbach, Kai-Wei Chang, Zhewei Yao, and Kurt Keutzer. How much can CLIP benefit vision-and-language tasks? *ICLR*, 2022
- Da Yin, Hritik Bansal, Masoud Monajatipoor, **Liunian Harold Li**, and Kai-Wei Chang. GeoMLAMA: Geo-diverse commonsense probing on multilingual pre-trained language models. *EMNLP*, 2022

- Masoud Monajatipoor, Mozhdeh Rouhsedaghat, **Liunian Harold Li**, Aichi Chien, C. C. Jay Kuo, Fabien Scalzo, and Kai-Wei Chang. BERTHop: An effective vision-and-language model for chest x-ray disease diagnosis. In *MICCAI*, 2022
- Da Yin, **Liunian Harold Li**, Ziniu Hu, Nanyun Peng, and Kai-Wei Chang. Broaden the vision: Geo-diverse visual commonsense reasoning. In *EMNLP*, 2021
- Liunian Harold Li**, Mark Yatskar, Da Yin, Cho-Jui Hsieh, and Kai-Wei Chang. VisualBERT: A simple and performant baseline for vision and language. In *Arxiv*, 2019
- Liunian Harold Li**, Mark Yatskar, Da Yin, Cho-Jui Hsieh, and Kai-Wei Chang. What does bert with vision look at? In *ACL (short)*, 2020
- Liunian Harold Li**, Patrick H. Chen, Cho-Jui Hsieh, and Kai-Wei Chang. Efficient contextual representation learning with continuous outputs. In *TACL*, 2019

PROFESSIONAL ACTIVITIES

Organizer:

- Workflow Co-Chair of AAAI 2023
 - Co-Chair of the Student Research Workshop of NAACL 2022
 - Co-Organizer of the Multilingual Multimodal Learning (MML) Workshop at ACL 2022
 - Co-Organizer of the Computer Vision in the Wild Workshop at ECCV 2022
- Reviewing for NeurIPS, ICLR, ICML, EMNLP, NAACL, CVPR, ICCV, ECCV, AKBC, NLPCC.