

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 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

RESEARCH INTEREST

Multi-modal representation learning
Commonsense representation learning
Efficient algorithms for large-scale machine learning models

PUBLICATIONS

- Da Yin, **Liunian Harold Li**, Ziniu Hu, Nanyun Peng, Kai-Wei Chang. In EMNLP 2021.
Broaden the Vision: Geo-Diverse Visual Commonsense Reasoning.
- Masoud Monajatipoor, Mozdeh Rouhsedaghat, **Liunian Harold Li**, Aichi Chien, C.-C. Jay Kuo, Fabien Scalzo, Kai-Wei Chang. In ICCV 2021 Workshop, Computer Vision for Automated Medical Diagnosis.
BERTHop: An Effective Vision-and-Language Model for Chest X-ray Disease Diagnosis.
- Sheng Shen*, **Liunian Harold Li***, Hao Tao, Mohit Bansal, Anna Rohrbach, Kai-Wei Chang, Zhewei Yao, Kurt Keutzer. On [Arxiv](#).
How Much Can CLIP Benefit Vision-and-Language Tasks?
- Liunian Harold Li**, Haoxuan You*, Zhecan Wang*, Alireza Zareian, Shih-Fu Chang, Kai-Wei Chang. In [NAACL 2021](#).
Unsupervised Vision-and-Language Pre-training Without Parallel Images and Captions.
- Liunian Harold Li**, Mark Yatskar, Da Yin, Cho-Jui Hsieh and Kai-Wei Chang. On [Arxiv](#) and [ACL 2020](#). [Code](#).
VisualBERT: A Simple and Performant Baseline for Vision and Language.
- Liunian Harold Li**, Patrick H. Chen, Cho-Jui Hsieh and Kai-Wei Chang. In [TACL 2019](#). [Code](#).
Efficient Contextual Representation Learning With Continuous Outputs.
- Liunian Li** and Xiaojun Wan. In [COLING 2018](#).
Point Precisely: Towards Ensuring the Precision of Data in Generated Texts Using Delayed Copy Mechanism.
- Liunian Li**, Xiaojun Wan, Jin-ge Yao and Siming Yan. In [IJCNLP 2017](#).
Leveraging Diverse Lexical Chains to Construct Essays for Chinese College Entrance Examination.

AWARDS AND HONORS

WeCNLP Travel Grant	Sep. 2019
Outstanding Graduates of Peking University	Jun. 2019
World Quantitative and Science Scholarship	Oct. 2018
Distinguished Student of Peking University	Oct. 2018
Annual Outstanding Research Award of Peking University	Oct. 2017
Soaring Scholarship of Computer Science Department, Peking University	Oct. 2016
Distinguished Community Service Award of Peking University	Oct. 2016

PROFESSIONAL ACTIVITIES

Organizer:

Co-Chair of the Student Research Workshop of NAACL 2022

Reviewer:

NeurIPS 2022

ICLR 2022

EMNLP 2021

ICCV 2021

CVPR 2021

AKBC 2020

ICML 2020

NLPCC 2020