

Wanrong Zhu

University of California, Santa Barbara
UCSB Natural Language Processing Group
Santa Barbara, CA 93106

Phone: +1 (805) 837-5475
Email: wanrongzhu@ucsb.edu
Homepage: <https://wanrong-zhu.com>

Education

- University of California, Santa Barbara**, Santa Barbara, CA Sep. 2019 - Present
Ph.D. student in Computer Science, advised by Professor William Wang.
- Peking University**, Beijing, China Sep. 2015 - July 2019
B.S. in Computer Science, advised by Professor Ming Zhang.

Research Experiences

- Research Intern at Google Research**, Mountain View, CA June 2021 - Present
NLP Team - Mentor: Bo Pang
- Research Intern at Google**, Seattle, WA June 2020 - Nov. 2020
AdsAI Team - Mentor: Pradyumna Narayana
- Research Assistant at UC Santa Barbara**, Santa Barbara, CA Sep. 2019 - Present
Natural Language Processing Group - Advisor: Prof. William Wang
- Research Intern at Carnegie Mellon University**, Pittsburgh, PA May 2018 - Sep. 2018
Machine Learning Department - Advisor: Prof. Eric Xing
- Research Assistant at Peking University**, Beijing, China April 2017 - June 2019
Institute of Network Computing and Information Systems - Advisor: Prof. Ming Zhang

Publications & Preprints

- [1] **Wanrong Zhu**, Xin Eric Wang, Tsu-Jui Fu, An Yan, Pradyumna Narayana, Kazoo Sone, Sugato Basu, William Yang Wang. "Multimodal Text Style Transfer for Outdoor Vision-and-Language Navigation". *The 16th conference of the European Chapter of the Association for Computational Linguistics (EACL 2021)*. [paper][code]
- [2] **Wanrong Zhu**, Xin Eric Wang, Pradyumna Narayana, Kazoo Sone, Sugato Basu, William Yang Wang. "Towards Understanding Sample Variance in Visually Grounded Language Generation: Evaluations and Observations". *The 2020 Conference on Empirical Methods in Natural Language Processing (EMNLP 2020)*. [paper]
- [3] Zhiting Hu, Haoran Shi, Bowen Tan, Wentao Wang, Zichao Yang, Tiancheng Zhao, Junxian He, Lianhui Qin, Di Wang, Xuezhe Ma, Zhengzhong Liu, Xiaodan Liang, **Wanrong Zhu**, Devendra Singh Sachan, Eric P. Xing. "Texar: A modularized, versatile, and extensible toolkit for text generation". *In Proceedings of Workshop for NLP Open Source Software (NLP-OSS), 2018*. [paper] [code]
- [4] **Wanrong Zhu**, Xin Eric Wang, An Yan, Miguel Eckstein, William Yang Wang. "ImaginE: An Imagination-Based Automatic Evaluation Metric for Natural Language Generation". *arXiv preprint arXiv:2106.05970*. [paper]
- [5] **Wanrong Zhu**, Yuankai Qi, Pradyumna Narayana, Kazoo Sone, Sugato Basu, Xin Eric Wang, Qi Wu, Miguel Eckstein, William Yang Wang. "Diagnosing Vision-and-Language Navigation: What Really Matters". *arXiv preprint arXiv:2103.16561*. [paper]
- [6] **Wanrong Zhu**, Zhiting Hu, Eric P. Xing. "Text Infilling". *arXiv preprint arXiv:1901.00158*. [paper] [code]

Awards and Honors

Regent's Fellowship, UC Santa Barbara	Sep. 2019
TP-LINK Scholarship, Peking University	Sep. 2018
Kuang-Hua Scholarship, Peking University	Sep. 2016

Working Experiences

Software Engineer Intern at Google , Beijing, China <i>Mobile Harness Team</i>	April 2018 - June 2018
Engineering Practicum Intern at Google , Beijing, China <i>Search Infrastructure Team</i>	July 2017 - Sep. 2017

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