

# Zeyu Leo Liu

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CONTACT INFORMATION	<i>Email:</i> <a href="mailto:zliu@cs.utexas.edu">zliu@cs.utexas.edu</a> <a href="https://leo-liuzy.github.io/">https://leo-liuzy.github.io/</a>	
EDUCATION	<b>University of Texas at Austin</b>	Aug. 2023 – June 2029 (Expected)
	Ph.D. in Computer Science Advisor: {Eunsol Choi, Greg Durrett}	
	<b>University of Washington, Seattle</b>	Sept. 2017 – March 2023
	B.S./M.S. in Computer Science Advisor: Noah A. Smith and Shane Steinert-Threlkeld	
EXPERIENCE	<b>University of Washington, Computer Science and Engineering</b>	2019 — Present
	<i>Research Assistant</i> , with Noah A. Smith, Yizhong Wang, and Jungo Kasai	
	<b>University of Washington, CLMBR</b>	2020 — Present
	<i>Research Assistant</i> , with Shane Steinert-Threlkeld	
	<b>Allen Institute for Artificial Intelligence (AI2)</b>	Winter 2021
AWARDS & HONORS	<i>Software Engineer</i> , with Evan Pete Walsh	
	<b>USC Information Science Institute, Natural Language Group</b>	Summer 2021
	<i>Research Intern</i> , with Xuezhe Ma (Max) and Jonathan May	
	<b>Meta AI, FAIR Accelerator</b>	Sept. 2021 — Sept. 2022
	<i>AI Resident</i> , with Tim Dettmers, Xian Li, Xi Victoria Lin, Veselin Stoyanov, and Luke Zettlemoyer	
REFEREED PUBLICATIONS	Runner-up Best Paper, ICLR Workshop on EmeCom Workshop, 2022 [4]	
	Citadel UW Datathon 2nd Place \$2500, 2018	
	Dean’s List, 2017 – 2020	
	* = equal contribution, $\alpha$ = sorted alphabetically or randomly	
	[1] <i>OpenAgents: An Open Platform for Language Agents in the Wild</i> Tianbao Xie, Fan Zhou, Zhoujun Cheng, Peng Shi, Luoxuan Weng, Yitao Liu, Toh Jing Hua, Junning Zhao, Qian Liu, Che Liu, <b>Zeyu Leo Liu</b> , Yiheng Xu, Hongjin Su, Dongchan Shin, Caiming Xiong, Tao Yu <i>arXiv</i> , 2023.	
	[2] <i>Towards A Unified View of Sparse Feed-Forward Network in Transformer</i> <b>Zeyu Leo Liu</b> , Tim Dettmers, Xi Victoria Lin, Veselin Stoyanov, Xian Li <i>The 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP)</i> , 2023.	
	[3] <i>Learning to translate by learning to communicate</i> C.M. Downey*, Xuhui Zhou*, <b>Zeyu Leo Liu</b> , Shane Steinert-Threlkeld The 3rd Workshop on Multilingual Representation Learning @ EMNLP, 2023.	
	[4] <i>Emergent Communication Fine-tuning (EC-FT) for Pretrained Language Models</i> Shane Steinert-Threlkeld, Xuhui Zhou, <b>Zeyu Leo Liu</b> , C. M. Downey <i>ICLR EmeCom Workshop (Runner-up Best Paper)</i> , 2022.	
	[5] <i>Probing Across Time: What Does RoBERTa Know and When?</i> <b>Zeyu Leo Liu</b> *, Yizhong Wang*, Jungo Kasai, Hannaneh Hajishirzi, Noah A. Smith <i>EMNLP Finding and EMNLP BlackboxNLP Workshop (Poster)</i> , 2021.	
	[6] <i>Linguistically-Informed Transformations (LIT): A Method for Automatically Generating Contrast Sets</i>	

Chuanrong Li<sup>α</sup>, Lin Shengshuo<sup>α</sup>, **Zeyu Leo Liu<sup>α</sup>**, Xinyi Wu<sup>α</sup>, Xuhui Zhou<sup>α</sup>, Shane Steinert-Threlkeld  
*EMNLP BlackboxNLP Workshop (Poster)*, 2020.

PROFESSIONAL  
SERVICE

**Program Committee Member:**

- Workshop on Simple and Efficient Natural Language Processing (SustaiNLP): 2021
- Conference on Empirical Methods in Natural Language Processing (EMNLP): 2022, 2023
- Instruction Workshop @ NeurIPS: 2023

**Student Volunteer:**

- Conference on Empirical Methods in Natural Language Processing (EMNLP): 2020
- Annual Meeting of the Association for Computational Linguistics (ACL): 2020

TEACHING

**CSE 447: Natural Language Processing**, University of Washington Winter 2023  
Assisted with course planning and development, led weekly office hours, online Question Answering, grading

- Instructor: Sofia Serrano

**CSE 447: Natural Language Processing**, University of Washington Autumn 2022  
Assisted with course planning and development, led weekly office hours, most responsive TA on online Question Answering, grading

- Instructor: Professor Yulia Tsvetkov

**CSE 5/446: Machine Learning**, University of Washington Spring 2021  
Assisted with course planning and development, led a weekly discussion section, attend online Question Answering, grading

- Instructor: Professor Sewoong Oh and Professor Simon Shaolei Du

**CSE 5/446: Machine Learning**, University of Washington Autumn 2020  
Assisted with course planning and development, held weekly office hours, attend online Question Answering. Developed a new section material for Stein's paradox and a new topic modeling assignment

- Instructor: Professor Kevin Jamieson and Professor Jamie Morgenstern

**CSE 5/446: Machine Learning**, University of Washington Spring 2020  
Assisted with course planning and development, led a weekly discussion section, and held weekly office hours.

- Instructor: Professor Kevin Jamieson and Professor Jamie Morgenstern

**CSE 5/446: Machine Learning**, University of Washington Autumn 2019  
Assisted with course planning and development, led a weekly discussion section, and held weekly office hours. Developed a new section material for Maximum Likelihood Estimation.

- Instructor: Professor Sewoong Oh

**CSE 446: Machine Learning**, University of Washington Spring 2019  
Assisted with course planning and development, led a weekly discussion section, and held weekly office hours. Developed a new section material for Maximum Likelihood Estimation.

- Instructor: Professor Kevin Jamieson and Professor Anna R. Karlin

DATE COMPILED March 9, 2024