

Leo Zeyu Liu

CONTACT INFORMATION	<i>Email:</i> zeyuliu2@cs.washington.edu https://leo-liuzy.github.io/	
EDUCATION	University of Washington , Seattle, Washington BS/MS in Computer Science Advisor: Noah A. Smith	Sept. 2017 – June 2023 (Expected)
RESEARCH AND INDUSTRY EXPERIENCE	University of Washington, Computer Science and Engineering <i>Research Assistant</i> , with Noah A. Smith, Yizhong Wang, and Jungo Kasai	2019 — Present
	University of Washington, CLMBR <i>Research Assistant</i> , with Shane Steinert-Threlkeld	2020 — Present
	Allen Institute for Artificial Intelligence (AI2) <i>Software Engineer</i> , with Evan Pete Walsh	Winter 2021
	USC Information Science Institute, Natural Language Group <i>Research Intern</i> , with Xuezhe Ma (Max) and Jonathan May	Summer 2021
	Meta AI, FAIR Accelerator <i>AI Resident</i> , with Xian Li, Veselin Stoyanov, Tim Dettmers, and Xi Victoria Lin	Sept. 2021 — Sept. 2022
AWARDS & HONORS	Runner-up Best Paper, ICLR Workshop on EmeCom Workshop, 2022 [3] Citadel UW Datathon 2nd Place \$2500, 2018 Dean's List, 2017 – 2020	
REFEREED PUBLICATIONS	* = equal contribution, α = sorted alphabetically or randomly [1] <i>Towards A Unified View of Sparse Feed-Forward Network in Transformer</i> Leo Z. Liu , Tim Dettmers, Xi Victoria Lin, Veselin Stoyanov, Xian Li <i>Submission to ICLR</i> , 2023. [2] <i>Learning to translate by learning to communicate</i> C.M. Downey, Leo Z. Liu , Xuhui Zhou, Shane Steinert-Threlkeld Arxiv, 2022. [3] <i>Emergent Communication Fine-tuning (EC-FT) for Pretrained Language Models</i> Shane Steinert-Threlkeld, Xuhui Zhou, Leo Z. Liu , C. M. Downey <i>ICLR EmeCom Workshop (Runner-up Best Paper)</i> , 2022. [4] <i>Probing Across Time: What Does RoBERTa Know and When?</i> Leo Z. Liu [*] , Yizhong Wang [*] , Jungo Kasai, Hannaneh Hajishirzi, Noah A. Smith <i>EMNLP Finding and EMNLP BlackboxNLP Workshop (Poster)</i> , 2021. [5] <i>Linguistically-Informed Transformations (LIT): A Method for Automatically Generating Contrast Sets</i> Chuanrong Li ^{α} , Lin Shengshuo ^{α} , Leo Z. Liu ^{α} , Xinyi Wu ^{α} , Xuhui Zhou ^{α} , Shane Steinert-Threlkeld <i>EMNLP BlackboxNLP Workshop (Poster)</i> , 2020.	
PROFESSIONAL SERVICE	Program Committee Member: <ul style="list-style-type: none">• Workshop on Simple and Efficient Natural Language Processing (SustaiNLP): 2021• Conference on Empirical Methods in Natural Language Processing (EMNLP): 2022 Student Volunteer: <ul style="list-style-type: none">• Conference on Empirical Methods in Natural Language Processing (EMNLP): 2020• Annual Meeting of the Association for Computational Linguistics (ACL): 2020	

- 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.

- 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:
- 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 October 7, 2022