

Curriculum Vitae - Mian Zhang

Contact Information	The University of Texas at Dallas Dallas, TX, USA, 75080	Email: <a href="mailto:gugumian@gmail.com">gugumian@gmail.com</a> Website: <a href="https://mianzhang.github.io">mianzhang.github.io</a>
Education	<b>The University of Texas at Dallas</b> - Ph.D. in Computer Science - Advisor: <a href="#">Zhiyu Zoey Chen</a>  <b>Virginia Tech</b> (transferred out) - Ph.D. in Computer Science  <b>Soochow University</b> - M.S. in Computer Science - Advisors: <a href="#">Wenliang Chen</a> , <a href="#">Xiabing Zhou</a> - Outstanding Graduate; Outstanding Thesis  <b>Nanjing University of Posts and Telecommunications</b> - B.Eng. in Computer Science - GPA: 3.96 / 5 (Top 3% in the Department)	2024 - present Dallas, TX, USA  2023 - 2024 Blacksburg, VA, USA  2020 - 2023 Suzhou, Jiangsu, China  2016 - 2020 Nanjing, Jiangsu, China
Research Interests	My current research focuses on enhancing large language models (LLMs) for social good, with an emphasis on health-related domains. I am actively working on post-training techniques and synthetic data generation to equip LLMs with complex and reliable abilities. Besides, I am interested in language agents and vision LLMs.	
Papers	(*denotes equal contribution) 1. Aligning Large Language Models to Assist in Psychotherapy ( <i>Ongoing</i> ) <b>Mian Zhang</b> , Shaun M. Eack, Zhiyu Chen. 2. <a href="#">CBT-Bench: Evaluating Large Language Models on Assisting Cognitive Behavior Therapy</a> ( <i>Preprint</i> ) <b>Mian Zhang*</b> , Xianjun Yang*, Xinlu Zhang, Travis Labrum, Jamie C. Chiu, Shaun M. Eack, Fei Fang, William Yang Wang, Zhiyu Chen. 3. <a href="#">IDEA: Enhancing the Rule Learning Ability of Large Language Model Agent through Induction, Deduction, and Abduction</a> ( <i>Preprint</i> ) Kaiyu He, <b>Mian Zhang</b> , Shuo Yan, Peilin Wu, Zhiyu Zoey Chen. 4. <a href="#">Large Language Models for Disease Diagnosis: A Scoping Review</a> ( <i>Preprint</i> ) Shuang Zhou*, Zidu Xu*, <b>Mian Zhang*</b> , Chunpu Xu*, Yawen Guo, Zaifu Zhan, Sirui Ding, Jiashuo Wang, Kaishuai Xu, Yi Fang, Liqiao Xia, Jeremy Yeung, Daochen Zha, Mingquan Lin, Rui Zhang. 5. <a href="#">Inconsistent dialogue responses and how to recover from them</a> ( <i>EACL 2024</i> ) <b>Mian Zhang</b> , Lifeng Jin, Linfeng Song, Haitao Mi, Dong Yu.	

6. [SafeConv: Explaining and Correcting Conversational Unsafe Behavior](#) (ACL 2023 Oral)  
Mian Zhang, Lifeng Jin, Linfeng Song, Haitao Mi, Wenliang Chen, Dong Yu.
7. [Friend-training: Learning from Different but Related Tasks](#) (EACL 2023)  
Mian Zhang, Lifeng Jin, Linfeng Song, Haitao Mi, Xiabing Zhou, Dong Yu.
8. [Emotion Recognition in Conversation from Variable-Length Context](#) (ICASSP 2023)  
Mian Zhang, Xiabing Zhou, Wenliang Chen, Min Zhang.
9. [A Pairing Enhancement Approach for Aspect Sentiment Triplet Extraction](#) (KSEM 2023)  
Fang Yang, Mian Zhang, Gongzhen Hu, Xiabing Zhou.

Research Experiences	<b>Human Language Technology Research Institute at UTD</b> <i>Student Researcher</i> (Advisor: <a href="#">Zhiyu Zoey Chen</a> )	Sep. 2024 - present Dallas, TX
	<b>Tencent AI Lab</b> <i>Research Intern</i> (Mentors: <a href="#">Haitao Mi</a> , <a href="#">Linfeng Song</a> )	May. 2024 - Jul. 2024 Seattle, WA
	<b>Tencent AI Lab</b> <i>Research Intern</i> (Mentor: <a href="#">Lifeng Jin</a> )	Dec. 2021 - Dec. 2022 Shenzhen, China
	<b>Institute of Human Language Technology at Soochow University</b> <i>Student Researcher</i> (Advisors: <a href="#">Wenliang Chen</a> , <a href="#">Xiabing Zhou</a> )	Sep. 2020 - Jul. 2021 Suzhou, China
Selected Awards	Outstanding Master's Thesis	2024
	Outstanding Graduate Award at Soochow University	2023
	First-class Scholarship at Soochow University	2020 - 2021
	Principal's Award	2019
	<a href="#">CUMCM National First Prize (top 1%)</a>	2018
	First-class Scholarship at NJUPT	2017 - 2019
Teaching Experience	Human Language Technologies (CS4395) at UTD ( <i>Teaching Assistant</i> )	Fall, 2024
	Data Structures and Algorithms (CS3114) at VT ( <i>Teaching Assistant</i> )	Spring, 2024
	Intermediate Programming in Python (CS2064) at VT ( <i>Teaching Assistant</i> )	Fall, 2023
Services	Reviewer: EMNLP 2022, ACL2023, ACL Rolling Review Secondary Reviewer: EMNLP 2021, AAAI 2022, COLING 2022	
Skills	<i>Programming Language:</i> Python, C/C++, Shell, $\text{\LaTeX}$ , Matlab	
	<i>Machine Learning Framework:</i> PyTorch, NumPy, Transformers, Scikit-learn	
	<i>Tool &amp; Software:</i> Vim, Git, pdb, Matplotlib, Pandas	
	<i>Natural Language:</i> Mandarin (native), English (advanced)	