Hongli Zhan

Ph.D. Student at UT Austin

Department of Linguistics
The University of Texas at Austin
honglizhan@utexas.edu
Personal Website
Github

Education

2021 – **Ph.D. in Computational Linguistics (Minor in Computer Science)**.
Department of Linguistics, The University of Texas at Austin, Austin, TX
- *Advisor:* Professor Junyi Jessy Li
- *Research Interests:* Emotions, Affective Computing
- *Selected Coursework:* Natural Language Processing, Research in Computational Linguistics

2017 – 2021 **B.A. in English Linguistics (Second Major in Law)**.
School of Foreign Languages, Shanghai Jiao Tong University, Shanghai, China

Refereed Publications

** denotes equal contributions*

EMNLP 2023 (Findings) **Hongli Zhan**, Desmond Ong, and Junyi Jessy Li. Evaluating subjective cognitive appraisals of emotions from large language models. In *Findings of the Association for Computational Linguistics: EMNLP 2023*, Singapore, December 2023. Association for Computational Linguistics.

ACL 2023 Tiberiu Sosea*, **Hongli Zhan***, Junyi Jessy Li, and Cornelia Caragea. Unsupervised extractive summarization of emotion triggers. In *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (Volume 1: Long Papers)*, pages 9550–9569, Toronto, Canada, July 2023. Association for Computational Linguistics.

EMNLP 2022 **Hongli Zhan***, Tiberiu Sosea*, Cornelia Caragea, and Junyi Jessy Li. Why do you feel this way? Summarizing triggers of emotions in social media posts. In *Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing*, pages 9436–9453, Abu Dhabi, United Arab Emirates, December 2022. Association for Computational Linguistics.

Teaching Experience

The University of Texas at Austin

LIN 306 **Intro to the Study of Language**, *Guest Lecturer*, Spring 2023.

LIN 373N **Machine Learning Toolbox for Text Analysis**, *Guest Lecturer*, Fall 2022.

LIN 373N **Machine Learning Toolbox for Text Analysis**, *Graduate Teaching Assistant*, Fall 2022.

LIN 350 **Computational Semantics**, *Graduate Teaching Assistant*, Fall 2021.

Professional Service & Research Appointments

Reviewer, *EMNLP'23, ICRA'24*.

Student Volunteer, *ACL'23*.

Spring 2023 – **Organizer**, *Natural Language Learning Reading Group*, UT Austin.

Fall 2021 – **Graduate Research Assistant**, *Supervised by Professor Junyi Jessy Li*, UT Austin.

Mentoring

Fall 2023 – **Allen Zheng**, *B.S. in Computer Science (Turing Honors) & Mathematics*, UT Austin.

Fellowships & Awards

Fall, 2022 **Professional Development Award for Attending EMNLP 2022**, *UT Austin*, 1,200 USD.

Spring, 2022 **COLA Supplemental Graduate School Fellowship**, *UT Austin*, 5,000 USD.

2021 **Outstanding Graduate**, *Shanghai Jiao Tong University*.

2021 **Outstanding Undergraduate Thesis Award**, *Shanghai Jiao Tong University*.

Conference Presentations

ACL 2023 **Unsupervised Extractive Summarization of Emotion Triggers**, *Toronto, Canada*, presented in-person on July 11th, 2023.

EMNLP 2022 **Why Do You Feel This Way? Summarizing Triggers of Emotions in Social Media Posts**, *Abu Dhabi, United Arab Emirates*, presented in-person on Dec 9th, 2022.

Open-Source Contributions

CovidET `https://github.com/honglizhan/CovidET`.
CovidET (**E**motions and their **T**riggers during **Covid**-19) is a dataset of 1,883 English Reddit posts related to COVID-19, which contains manual annotations of perceived emotions and abstractive summaries of their triggers described in the post.

CovidET-EXT `https://github.com/tsosea2/CovidET-EXT`.
CovidET-EXT is a dataset that augments Zhan et al. (2022)'s abstractive dataset CovidET (in the context of the COVID-19 crisis) with extractive triggers. The result is a dataset of 1,883 Reddit posts about the COVID-19 pandemic, manually annotated with 7 fine-grained emotions (from CovidET) and their corresponding **extractive** triggers.

CovidET-Appraisals `https://github.com/honglizhan/CovidET-Appraisals-Public`.
CovidET-Appraisals is the most comprehensive dataset to-date that assesses 24 cognitive appraisal dimensions of emotions, each with a natural language rationale, across 241 Reddit posts. CovidET-Appraisals presents an ideal testbed to evaluate the ability of large language models — excelling at a wide range of NLP tasks — to automatically assess and explain cognitive appraisals.

Last updated: October 20, 2023