Hongli Zhan

Ph.D. Student at UT Austin

Education

2021 - Ph.D. in Computational Linguistics (Minor in Computer Science).

Department of Linguistics, The University of Texas at Austin, Austin, TX

• Advisor: Prof. Junyi Jessy Li

2017 – 2021 B.A. in English Linguistics (Second Major in Law).

School of Foreign Languages, Shanghai Jiao Tong University, Shanghai, China

Industry Experience

Summer 2024 Research Scientist Intern, IBM Research.

IBM Thomas J. Watson Research Center, Yorktown Heights, NY

- Manager: Dr. Raya Horesh; Mentors: Dr. Muneeza Azmat & Dr. Mikhail Yurochkin
- Received return internship offer for Summer 2025
- Work resulted in a first-authored paper and a first-authored patent (both in preparation)

Refereed Publications

* denotes equal contributions

In Conference Proceedings

- [5] 2024 **Hongli Zhan**, Allen Zheng, Yoon Kyung Lee, Jina Suh, Junyi Jessy Li, and Desmond C. Ong. Large language models are capable of offering cognitive reappraisal, if guided. In *Proceedings of the First Conference on Language Modeling (COLM)*, 2024. [28.8% acceptance rate (299 out of 1,036 submissions)].
- [4] 2024 Yoon Kyung Lee, Jina Suh, **Hongli Zhan**, Junyi Jessy Li, and Desmond C. Ong. Large language models produce responses perceived to be empathic. In *Proceedings of the 12th IEEE International Conference on Affective Computing and Intelligent Interaction (ACII)*, 2024. [The acceptance rate was lower than 40%].
- [3] 2023 **Hongli Zhan**, Desmond C. Ong, and Junyi Jessy Li. Evaluating subjective cognitive appraisals of emotions from large language models. In Houda Bouamor, Juan Pino, and Kalika Bali, editors, *Findings of the Association for Computational Linguistics: EMNLP 2023 (EMNLP Findings)*, pages 14418–14446, Singapore, December 2023. Association for Computational Linguistics. [45.4% acceptance rate (1,758 out of 3,868 submissions)].
- [2] 2023 Tiberiu Sosea*, **Hongli Zhan***, Junyi Jessy Li, and Cornelia Caragea. Unsupervised extractive summarization of emotion triggers. In Anna Rogers, Jordan Boyd-Graber, and Naoaki Okazaki, editors, *Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics* (Volume 1: Long Papers) (ACL), pages 9550–9569, Toronto, Canada, July 2023. Association for Computational Linguistics. [23.5% acceptance rate (910 out of 3,872 submissions)].

[1] 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 Yoav Goldberg, Zornitsa Kozareva, and Yue Zhang, editors, *Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pages 9436–9453, Abu Dhabi, United Arab Emirates, December 2022. Association for Computational Linguistics. [22.1% acceptance rate (715 out of 3,242 submissions)].

Professional Service

Reviewer, EMNLP 2023, ICRA 2024.

Student Volunteer, ACL 2023.

2023 – 2024 **Organizer**, *Natural Language Learning Reading Group*, UT Austin.

Teaching Experience

The University of Texas at Austin

LIN 371 Machine Learning for Text Analysis, Guest Lecturer, Fall 2024.

Instructor: Prof. Junyi Jessy Li

LIN 371 Machine Learning for Text Analysis, *Graduate Teaching Assistant*, Spring 2024.

Instructor: Prof. Junyi Jessy Li

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

Instructor: Seyeon Park

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

Instructor: Prof. Junyi Jessy Li

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

Instructor: Prof. Katrin Erk

Mentoring

2023 – 2024 Allen Zheng, B.S. in Computer Science (Turing Honors) & Mathematics, UT Austin.

Fellowships & Awards

- Fall 2024 Professional Development Award for Attending COLM 2024, UT Austin, 1,160 USD.
- Fall 2023 Professional Development Award for Attending EMNLP 2023, UT Austin, 1,160 USD.
- 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.

Invited Talks

- Oct 11, 2023 Can I Cheer You Up? Psychologically-Grounded Emotional Support: Leveraging LLMs for Targeted Re-Appraisals, Computational Affective and Social Cognition Lab (CASCogLab), Department of Psychology, The University of Texas at Austin, Austin, TX.
- Feb 22, 2023 An Introduction to Computational Linguistics, Westlake High School, Austin, TX.