

HONGLI ZHAN

 [Personal Website](#) |  honglizhan@utexas.edu |  [Hongli Zhan](#) |  [honglizhan](#)

Education

The University of Texas at Austin

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

Advisor: Professor Junyi Jessy Li

Austin, TX

2021 – Present

Shanghai Jiao Tong University

B.A. in English Linguistics (Second Major in Law)

Shanghai, China

2017 – 2021

Refereed Publications

* denotes equal contributions

1. **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 (EMNLP 2022)*, pages 9436–9453, Abu Dhabi, United Arab Emirates, December 2022. Association for Computational Linguistics
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Teaching Experience

Guest Lecturer

LIN 373N Machine Learning Toolbox for Text Analysis

Demo: Using the Hugging Face Transformers library to conduct sentiment analysis with BERT as well as machine translation with BART

Fall, 2022

The University of Texas at Austin

Teaching Assistant

LIN 373N Machine Learning Toolbox for Text Analysis

Supervisor: Professor Junyi Jessy Li

Fall, 2022

The University of Texas at Austin

Teaching Assistant

LIN 350 Computational Semantics

Supervisor: Professor Katrin Erk

Fall, 2021

The University of Texas at Austin

Employment

Research Assistant

Supervisor: Professor Junyi Jessy Li

Spring, 2023

The University of Texas at Austin

Research Assistant

Supervisor: Professor Junyi Jessy Li

Spring, 2022

The University of Texas at Austin

Professional Service

Organizer

Natural Language Learning Reading Group

Spring, 2023

The University of Texas at Austin

Honors & Awards

Professional Development Award for Attending EMNLP 2022 <i>The University of Texas at Austin, 1,200 USD</i>	Fall, 2022
COLA Supplemental Graduate School Fellowship <i>The University of Texas at Austin, 5,000 USD</i>	Spring, 2022
Outstanding Graduate <i>Shanghai Jiao Tong University</i>	2021
Outstanding Undergraduate Thesis Award <i>School of Foreign Languages, Shanghai Jiao Tong University</i>	2021

Presentations

Why Do You Feel This Way? Summarizing Triggers of Emotions in Social Media Posts
The 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP 2022)
Abu Dhabi, United Arab Emirates, Dec 2022

Open Source Contributions

CovidET <https://github.com/honglizhan/CovidET>
CovidET (Emotions and their Triggers during Covid-19) is a dataset of ~1,900 English Reddit posts related to COVID-19, which contains manual annotations of perceived emotions and abstractive summaries of their triggers described in the post.

Programming Skills

- ◇ **Systems:** Windows, Linux/Unix
 - ◇ **Programming Languages:** Python, R; MATLAB
 - ◇ **Machine Learning Tools:** PyTorch, NumPy, Pandas, Huggingface Transformers, Scikit-learn, NLTK, SciPy, Git
 - ◇ **Research Methodologies:** Crowdsourcing, Natural Language Processing, Machine Learning, Computational Linguistics
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Language Skills

English: Near-Native

- TOEFL: 112 (Reading 30, Listening 30, Writing 27, Speaking 25)
- GRE: 329 + 5.0 (Verbal 162, Quantitative 167, Analytical Writing 5.0)
- Test for English Majors Band 8 (TEM-8): Good
- Test for English Majors Band 4 (TEM-4): Excellent (90/100)

Chinese Mandarin: Native

Japanese: Upper-Intermediate

Italian: Intermediate

Last updated: March 11, 2023