

Education

The University of Texas at Austin

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

Advisor: Professor Junyi Jessie 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] Tiberiu Sosea*, **Hongli Zhan***, Junyi Jessie 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) (ACL 2023)*, pages 9550–9569, Toronto, Canada, July 2023. Association for Computational Linguistics.
- [2] **Hongli Zhan***, Tiberiu Sosea*, Cornelia Caragea, and Junyi Jessie 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.

Teaching Experience

Guest Lecturer

LIN 306 Intro to the Study of Language

Instructor: Seyeon Park

Lecture: Introduced the field of Computational Linguistics and recent developments in NLP, as well as an overview of my research.

Spring, 2023

The University of Texas at Austin

Guest Lecturer

LIN 373N Machine Learning Toolbox for Text Analysis

Instructor: Junyi Jessie Li

Lecture (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

Graduate Teaching Assistant

LIN 373N Machine Learning Toolbox for Text Analysis

Supervisor: Professor Junyi Jessie Li

Fall, 2022

The University of Texas at Austin

Graduate Teaching Assistant

LIN 350 Computational Semantics

Supervisor: Professor Katrin Erk

Fall, 2021

The University of Texas at Austin

Employment

Graduate Research Assistant

Supervisor: Professor Junyi Jessie Li

Fall, 2021 – Present

The University of Texas at Austin

Professional Service

Emergency Reviewer

Reviewed 3 papers for EMNLP 2023

EMNLP 2023

Organizer

Natural Language Learning Reading Group

Spring, 2023 – Present

The University of Texas at Austin

Volunteer

ACL 2023

July 9th – July 14th, 2023

Toronto, Canada

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

Unsupervised Extractive Summarization of Emotion Triggers <i>ACL 2023: Toronto, Canada (presented on July 11th, 2023)</i>
Why Do You Feel This Way? Summarizing Triggers of Emotions in Social Media Posts <i>EMNLP 2022: Abu Dhabi, United Arab Emirates (presented on Dec 9th, 2022)</i>

Invited Talks

Westlake High School <i>What is Computational Linguistics?</i>	Austin, TX Feb 22, 2023
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Open Source Contributions

CovidET <i>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.</i>	https://github.com/honglizhan/CovidET
CovidET-EXT <i>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.</i>	https://github.com/tsosea2/CovidET-EXT

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 <ul style="list-style-type: none">• 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