

# HONGLI ZHAN

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## Education

### The University of Texas at Austin

Austin, TX

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

2021 – Present

Advisor: Professor Junyi Jessy Li

- GPA: 3.89/4
- Research Interests: Emotion-Trigger Analysis; Computational Linguistics with a Focus on Pragmatics and Discourse
- Coursework:
  - \* *Linguistics*: LIN 385 Field Methods in Linguistic Investigation; LIN 380M Semantics I; LIN 380K Phonology I; LIN 380L Syntax I; LIN 381M Phonetics; LIN 389C Research in Computational Linguistics
  - \* *CS*: CS 388 Natural Language Processing; CS 342 Neural Networks (NB: audit)
  - \* *Math*: M 362K Probability I
  - \* *Anthropology*: ANT 393 Language as/is/and/through Emotion

### Shanghai Jiao Tong University

Shanghai, China

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

2017 – 2021

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## 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 Conference on Empirical Methods in Natural Language Processing*, 2022. (To appear)
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## Teaching Experience

### Guest Lecturer

Fall, 2022

*LIN 373N Machine Learning Toolbox for Text Analysis*

*The University of Texas at Austin*

Demo: Using the Huggingface Transformers library to conduct

sentiment analysis with BERT as well as machine translation with BART

### Teaching Assistant

Fall, 2022

*LIN 373N Machine Learning Toolbox for Text Analysis*

*The University of Texas at Austin*

Supervisor: Professor Junyi Jessy Li

### Teaching Assistant

Fall, 2021

*LIN 350 Computational Semantics*

*The University of Texas at Austin*

Supervisor: Professor Katrin Erk

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## Employment

### Research Assistant

Spring, 2023

Supervisor: Professor Junyi Jessy Li

*The University of Texas at Austin*

### Research Assistant

Spring, 2022

Supervisor: Professor Junyi Jessy Li

*The University of Texas at Austin*

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## Professional Service

### Organizer

Natural Language Learning Reading Group

Spring, 2023

The University of Texas at Austin

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## Honors & Awards

### Professional Development Award for Attending EMNLP 2022

Fall, 2022

The University of Texas at Austin, 1,200 USD

### COLA Supplemental Graduate School Fellowship

Spring, 2022

The University of Texas at Austin, 5,000 USD

### Outstanding Graduate

2021

Shanghai Jiao Tong University

### Outstanding Undergraduate Thesis Award

2021

School of Foreign Languages, Shanghai Jiao Tong University

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## 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

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## 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.

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## 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: January 13, 2023*