

Jason Wei

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<https://jasonwei20.github.io>

Employment

2020 - *Google Brain*
Research Engineer, Dec. 2021 - present.
AI Resident, Oct. 2020 - Dec. 2021.

Education

2016 - 2020 *Dartmouth College*
Bachelor of Arts, Computer Science.
Thesis Advisor: Lorenzo Torresani.

Publications

Chain of thought prompting elicits reasoning in large language models.
Jason Wei, Xuezhi Wang, Dale Schuurmans, Maarten Bosma, Ed Chi, Quoc Le, and Denny Zhou.
arXiv preprint.

A recipe for arbitrary text style transfer with large language models.
{Emily Reif, Daphne Ippolito}, Ann Yuan, Andy Coenen, Chris Callison-Burch, and Jason Wei.
arXiv preprint.

ICLR '22 *Finetuned language models are zero-shot learners.*
{Jason Wei, Maarten Bosma, Vincent Zhao, Kelvin Guu}, Adams Wei Yu, Brian Lester, Nan Du, Andrew Dai, and Quoc Le.
International Conference on Learning Representations, 2022 (oral).

ICLR '22 *The MultiBERTs: BERT reproductions for robustness analysis.*
{Thibault Sellam, Steve Yadlowsky}, Jason Wei, Naomi Saphra, Alexander D'Amour, Tal Linzen, Jasmijn Bastings, Iulia Turc, Jacob Eisenstein, Dipanjan Das, Ian Tenney, and Ellie Pavlick.
International Conference on Learning Representations, 2022.

EMNLP '21 *Frequency effects on syntactic rule-learning in transformers.*
Jason Wei, Dan Garrette, Tal Linzen, and Ellie Pavlick.
Conference on Empirical Methods in Natural Language Processing, 2021 (oral).

EMNLP '21 *Good-enough example extrapolation.*
Jason Wei.
Conference on Empirical Methods in Natural Language Processing, 2021.

ACL '21 *A cognitive regularizer for language modeling.*
Jason Wei, Clara Meister, and Ryan Cotterell.
Conference of the Association for Computational Linguistics, 2021.

ACL '21 *Language model augmented relevance score.*
Ruibo Liu, Jason Wei, and Soroush Vosoughi.
Conference of the Association for Computational Linguistics, 2021 (oral).

- ACL '21
(Findings) *A survey of data augmentation approaches for NLP.*
{S. Feng, V. Gangal}, J. Wei, S. Chandar, S. Vosoughi, T. Mitamura, and E. Hovy.
Findings of the Association for Computational Linguistics: ACL 2021.
- ACL '21
(Findings) *Modulating language models with emotions.*
Ruibo Liu, Jason Wei, Chenyan Jia, and Soroush Vosoughi.
Findings of the Association for Computational Linguistics: ACL 2021.
- NAACL '21 *Linguistic complexity loss in text-based therapy.*
Jason Wei, Kelly Finn, Emma Templeton, Thalia Wheatley, and Soroush Vosoughi.
Conference of the North American Chapter of the Association for Computational Linguistics, 2021.
- NAACL '21 *Few-shot text classification with triplet networks, data augmentation, and curriculum learning.*
Jason Wei, Chengyu Huang, Soroush Vosoughi, Yu Cheng, and Shiqi Xu.
Conference of the North American Chapter of the Association for Computational Linguistics, 2021.
- EACL '21 *Text augmentation in a multi-task view.*
Jason Wei, Chengyu Huang, Shiqi Xu, and Soroush Vosoughi.
Conference of the European Chapter of the Association for Computational Linguistics, 2021.
- AAAI '21 *Mitigating political bias in language models through reinforced calibration.*
Ruibo Liu, Chenyan Jia, Jason Wei, Guangxuan Xu, Lili Wang, and Soroush Vosoughi.
AAAI Conference on Artificial Intelligence, 2021 (Outstanding AI for Social Impact Paper).
- EMNLP '19 *Easy data augmentation techniques for boosting performance on text classification tasks.*
Jason Wei and Kai Zou.
Conference on Empirical Methods in Natural Language Processing, 2019.

Talks

- 2022 "Instruction tuning with FLAN."
- Stanford NLP Seminar, Jan. 2022.
- New York University, ML² group, Dec. 2021.
- Google Research, NLP Discuss Series, Nov. 2021.
- 2021 "When BERT fails at syntax."
- New York University, Computation and Psycholinguistics Lab, Nov. 2021.
- Google Research, Lumiere group, Oct. 2021.

Honors

- 2021 AAAI-21 AI for Social Impact Outstanding Paper (Liu et al.).
- 2020 Phi Beta Kappa, Tau Beta Pi, Gamma Sigma Alpha.
- 2020 Neukom Prize for Outstanding Undergraduate Research.
- 2020 NSF GRF Honorable Mention.
- 2019 Barry Goldwater Scholarship.
- 2016 Intel Science Talent Search Semifinalist.

Teaching

Machine Learning and Statistical Data Analysis (COSC 74/174).
Teaching Assistant, Dartmouth College, Spring 2018.

Service

Reviewing: ICLR '22, ACL '21, EMNLP '21, NAACL '21, EACL '21, ACL Rolling Review '21.