Jason Wei

`jason.weng.wei@gmail.com`
`https://jasonwei20.github.io`

Employment

Oct. 2020 -
Google AI Language
AI Resident, New York City, New York.
Hosts: Ellie Pavlick, Dan Garrette.

Education

2016 - 2020
Dartmouth College
Bachelor of Arts in Computer Science. GPA: 3.91/4.00.
Thesis Advisor: Lorenzo Torresani.

Publications

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.

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.

Technical Reports & Older Publications

The MultiBERTs: BERT reproductions for robustness analysis.
{Thibault Sellam, Steve Yadlowsky}, Jason Wei, Naomi Saphra, Alexander D'Amour, Tal Linzen,
Jacob Eisenstein, Dipanjan Das, Ian Tenney, and Ellie Pavlick.
Preprint, 2021.

*Evaluation of a deep neural network for automated classification of colorectal polyps on
histopathology slides.*
Jason Wei, Arief Suriawinata, Louis Vaickus, Bing Ren, Xiaoying Liu, Mikhail Lisovsky, Naofumi
Tomita, Behnaz Abdollahi, Adam Kim, Dale Snover, John Baron, Elizabeth Barry, and Saeed Hassanpour.
JAMA Network Open, 2020.

*Pathologist-level classification of histologic patterns on resected lung adenocarcinoma slides
with deep neural networks.*
Jason Wei, Laura Tafe, Yevgeniy Linnik, Louis Vaickus, Naofumi Tomita, and Saeed Hassanpour.
Scientific Reports, 2019.

Code

Easy data augmentation techniques for NLP.
Github, 1,000+ stars, 200+ forks, `https://github.com/jasonwei20/eda_nlp`.

DeepSlide: histopathology image classification.
Github, 300+ stars, 100+ forks, `https://github.com/BMIRDS/deepslide`.

Honors

Phi Beta Kappa, Tau Beta Pi, Gamma Sigma Alpha, 2020.
Neukom Prize for Outstanding Undergraduate Research, 2020.
NSF GRF Honorable Mention, 2020.
Barry Goldwater Scholarship, 2019.
Intel Science Talent Search Semifinalist, 2016.

Service

Teaching assistant: Machine Learning and Statistical Data Analysis, Dartmouth, Spring 2018.
Reviewing: ACL (2021), EMNLP (2021), NAACL (2021), EACL (2021).

Et cetera

Kappa Kappa Kappa (Tri-Kap) fraternity, Dartmouth College, 2018-2020.
Exchange Student, Technical University of Denmark, Fall 2018.