

**Alex C. Wang**  
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<b>WORK EXPERIENCE</b>	<b>Cohere</b> , Toronto, ON CA <i>Manager of Technical Staff</i> Data and Evaluation	2022 - current
<b>EDUCATION</b>	<b>New York University</b> , New York, NY USA <i>Ph.D., Computer Science</i> Advisors: Samuel R. Bowman and Kyunghyun Cho	2017 - 2022
	<b>Harvard University</b> , Cambridge, MA USA <i>M.S., Computer Science</i> <i>B.A., Applied Mathematics, magna cum laude</i> Thesis: A Neural Framework for Low-Shot Learning. High Honors Advisor: Alexander Rush	2016 - 2017 2013 - 2017
<b>AWARDS</b>	*SEM Best Paper Award NSF Graduate Research Fellowship (\$34,000/year) AI Grant (\$2500) Henry M. MacCracken Fellowship (full graduate funding) Harvard College Scholar (top 10% of class by GPA)	2019 2018 - 2021 2017 2017 - 2022 2016
<b>PEER-REVIEWED PUBLICATIONS</b>	2021. QuestEval: Summarization Asks for Fact-Based Evaluation. Thomas Scialom, Paul-Alexis Dray, Patrick Gallinari, Sylvain Lamprier, Benjamin Piwowarski, Jacopo Staiano, <b>Alex Wang</b> . <i>Proceedings of the 2021 Conference on Empirical Methods in Natural Language Processing (EMNLP)</i>	
	2020. Label Representations in Modeling Classification as Text Generation. Xinyi Chen, Jiangxian Xu, <b>Alex Wang</b> . <i>Proceedings of the 1st Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics and the 10th International Joint Conference on Natural Language Processing: Student Research Workshop</i> . <b>Best Paper Award Runner-Up</b> .	
	2020. Asking and Answering Questions to Evaluate the Factual Consistency of Summaries. <b>Alex Wang</b> , Kyunghyun Cho, and Mike Lewis. <i>Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL)</i> .	
	2020. jiant: A Software Toolkit for Research on General-Purpose Text Understanding Models. Yada Pruksachatkun, Phil Yeres, Haokun Liu, Jason Phang, Phu Mon Htut, <b>Alex Wang</b> , Ian Tenney, and Samuel R. Bowman. <i>Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics (ACL), demonstration track</i> .	
	2019. A Generalized Framework of Sequence Generation with Application to Undirected Sequence Models. Elman Mansimov, <b>Alex Wang</b> , Sean Welleck, and Kyunghyun Cho. <i>Northern European Journal of Language Technology</i> .	
	2019. SuperGLUE: A Stickier Benchmark for General-Purpose Language Understanding Systems. { <b>Alex Wang</b> , Yada Pruksachatkun, Nikita Nangia, Amanpreet Singh}, Julian Michael, Felix Hill, Omer Levy, and Samuel R. Bowman. <i>Proceedings of the Thirty-third Conference on Neural Information Processing Systems (NeurIPS)</i> .	
	2019. BERT has a Mouth and It Must Speak: BERT as a Markov Random Field Language Model. <b>Alex Wang</b> and Kyunghyun Cho. <i>Proceedings of the First Workshop</i>	

*for Methods for Optimizing and Evaluating Neural Language Generation (NeuralGen).*

2019. Probing What Different NLP Tasks Teach Machines About Function Word Comprehension. Najoung Kim, Roma Patel, Adam Poliak, **Alex Wang**, Patrick Xia, R Thomas McCoy, Ian Tenney, Alexis Ross, Tal Linzen, Benjamin Van Durme, Samuel R Bowman, and Ellie Pavlick. *Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics (\*SEM)*. **Best Paper Award**.

2019. Can You Tell Me How to Get Past Sesame Street? Sentence-Level Pretraining Beyond Language Modeling. **Alex Wang**, Jan Hula, Patrick Xia, Raghavendra Pappagari, R Thomas McCoy, Roma Patel, Najoung Kim, Ian Tenney, Yinghui Huang, Katherin Yu, Shuning Jin, Berlin Chen, Benjamin Van Durme, Edouard Grave, Ellie Pavlick, and Samuel R. Bowman. *Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics (ACL)*.

2019. On Measuring Social Biases in Sentence Encoders. Chandler May, **Alex Wang**, Shikha Bordia, Samuel R. Bowman, and Rachel Rudinger. *Proceedings of the 2019 Annual Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT)*.

2018. GLUE: A Multi-Task Benchmark and Analysis Platform for Natural Language Understanding. **Alex Wang**, Amapreet Singh, Julian Michael, Felix Hill, Omer Levy, and Samuel R. Bowman. *Proceedings of the Seventh International Conference on Learning Representations (ICLR)*.

2018. What do you learn from context? Probing for sentence structure in contextualized word representations. Ian Tenney, Patrick Xia, Berlin Chen, **Alex Wang**, Adam Poliak, Benjamin Van Durme, Sam Bowman, Dipanjan Das, and Ellie Pavlick. *Proceedings of the Seventh International Conference on Learning Representations (ICLR)*.

2016. Learning linguistic descriptors of user roles in online communities. **Alex Wang**, William L. Hamilton, and Jure Leskovec. *Proceedings of the First Workshop on NLP and Computational Social Science*.

## PREPRINTS

2022. SQuALITY: Building a Long-Document Summarization Dataset the Hard Way. **Alex Wang**, Richard Yuanzhe Pang, Angelica Chen, Jason Phang, Samuel R. Bowman. *arXiv*.

## INVITED TALKS

2021. Collecting Long Texts for Question-Driven Summarization. Apple Answers & Web Ranking Reading Group. Remote presentation.

2020. QAGS: Question Answering and Generation for Evaluating Summarization. Google Natural Language Generation Reading Group. Remote presentation.

## TEACHING EXPERIENCE

**New York University**, New York, NY USA

*Teaching Assistant*

Spring 2019

Natural Language Understanding and Computational Semantics (DS-GA 1012)

Instructors: Samuel R. Bowman and Katharina Kann.

**Harvard University**, Cambridge, MA USA

*Head Teaching Fellow*

Spring 2017

Networks (CS134)

Instructor: Yaron Singer.

*Teaching Fellow*

Spring 2016

Economics and Computation (CS136)  
Instructor: David Parkes.

*Teaching Fellow*  
Networks (CS134).  
Instructor: Yaron Singer and Ben Golub.

Fall 2016

- ORGANIZING**
- 2022. Area Chair. Conference on Empirical Methods in Natural Language Processing (EMNLP). Area: Resources and Evaluation.
  - 2020. Organizing Committee Member. Workshop on Simple and Efficient Natural Language Processing (SustaiNLP, hosted at EMNLP).
- REVIEWING**
- 2021 -. Association for Computational Linguistics Rolling Review.
  - 2020 - 2021. Annual Meeting of the Association for Computational Linguistics (ACL). *Outstanding Reviewer: 2021.*
  - 2019 - 2021. International Conference on Learning Representations (ICLR).
  - 2018 - 2020. Conference on Neural Information Processing Systems (NeurIPS).
  - 2018, 2020 - 2021. Conference on Empirical Methods in Natural Language Processing (EMNLP).
  - 2018. NAACL Student Research Workshop (NAACL SRW).
  - 2022. Workshop on Evaluation Beyond Metrics (EBeM).
  - 2020. Workshop on Evaluating NLG Evaluation (EvalNLG).
  - 2017. Workshop on Natural Language Processing and Computational Social Science (NLP+CSS).
- OUTREACH**
- 2022. Co-organizer. NYU AI School. Remote workshop. *Week-long educational workshop aimed at introducing NYC-area students from diverse and non-computer science backgrounds to artificial intelligence.*  
<https://nyu-ml1.github.io/nyu-ai-school-2022/>
  - 2020. Co-organizer. NYU AI School. Remote workshop.  
<https://nyu-ml1.github.io/nyu-ai-school-2021/>
  - 2019. Co-organizer. NYC AI Workshop. New York, NY USA.  
<https://nyu-ml1.github.io/nyc-ai-workshop/>