

# Terra Blevins

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<http://blvns.github.io/>

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- EDUCATION**
- University of Washington**, Seattle, WA April 2020 - present  
PhD in Computer Science  
Advisor: Luke Zettlemoyer
- University of Washington**, Seattle, WA September 2017 - March 2020  
MS in Computer Science
- Columbia University**, New York, NY September 2013 - May 2017  
BA in Computer Science, Cum Laude
- CONFERENCE PUBLICATIONS**
- T. Blevins, M. Joshi, and L. Zettlemoyer, *FEWS: Large-scale, Low-shot Word Sense Disambiguation with the Dictionary*. In Proceedings of the 16th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2021.
- T. Blevins and L. Zettlemoyer, *Moving Down the Long Tail of Word Sense Disambiguation with Gloss Informed Bi-encoders*. In Proceedings of the 58th Association for Computational Linguistics (ACL), 2020.
- T. Blevins and L. Zettlemoyer, *Better Character Language Modeling Through Morphology*. In Proceedings of the 57th Association for Computational Linguistics (ACL), 2019.
- T. Blevins, O. Levy, and L. Zettlemoyer, *Deep RNNs Encode Soft Hierarchical Syntax*. In Proceedings of the 56th Association for Computational Linguistics (ACL), 2018.
- T. Blevins, R. Kwiatkowski, J. MacBeth, K. McKeown, D. Patton and O. Rambow, *Automatically Processing Tweets from Gang-Involved Youth: Towards Detecting Loss and Aggression*. In Proceedings of the International Conference on Computational Linguistics (COLING), 2016.
- O. Biran, T. Blevins and K. McKeown, *Mining Paraphrasal Typed Templates from a Plain Text Corpus*. In Proceedings of the 54th Association for Computational Linguistics (ACL), 2016.
- RESEARCH POSITIONS**
- Graduate Research Assistant** University of Washington  
September 2017 - present
- Developing models for Word Sense Disambiguation (WSD), especially for low-shot and rare senses (ACL 2020, EACL 2021)
  - Analysis of linguistic information captured by deep neural models for NLP (ACL 2018)
  - Improving language models across multiple languages with (multi-tasked) morphology supervision (ACL 2019)
- Visiting Researcher** Facebook AI Research (FAIR), Seattle  
March 2020 - present
- Part-time Research Contractor** Facebook AI Research (FAIR), Seattle  
July 2018 - March 2020
- Undergraduate Researcher** Columbia University  
January 2015 - May 2017  
Advisor: Kathy McKeown
- **Gun Violence Prediction on Social Media:** Created system to predict gun violence in high-risk neighborhoods based on social media interactions and lan-

guage, and developed algorithms to quantify emotional content of data. (COLING 2016) Project featured on NPR's All Tech Considered, 9/9/2016.

- **Paraphrasal Template Extraction:** Participated on project to mine sentence templates from unannotated source text for use in NLG tasks, and to identify groups of paraphrasal templates. (ACL 2016)

<b>TEACHING EXPERIENCE</b>	<b>Teaching Assistant</b> Computer Science and Engineering University of Washington Winter 2020, Winter 2021 TA for Natural Language Processing (CSEP 517, CSE447/517). Held office hours, graded assignments, and developed homeworks for the class.
	<b>Teaching Assistant</b> Computer Science Dept. Columbia University Spring 2016 - Spring 2017 TA'ed Introduction to Database Systems (cs4111; Spring 2016, Summer 2016, Spring 2017) and Advanced Database Systems (cs6111; Autumn 2016).
	<b>Workshop Assistant</b> Emerging Scholars Program Columbia University September 2015 - May 2016 Semester-long seminar provided to introductory CS students. Met weekly to introduce them to various areas of upper level CS study and research.
<b>FELLOWSHIPS AND AWARDS</b>	<b>NSF Graduate Research Fellowship</b> 2018-present
	<b>College of Engineering Dean's Fellowship</b> 2017-2018 Fellowship awarded to select first-year graduate students within UW's College of Engineering.
	<b>CRA Outstanding Undergraduate Researchers Award Finalist</b> 2017 Awarded by Computing Research Association to undergraduate students of North American institutions for outstanding research potential.
	<b>Theodore R. Bashkow Award</b> 2017 A prize presented to a computer science senior who has excelled in independent projects. This is awarded by Columbia University in honor of Professor Theodore R. Bashkow.
<b>TALKS AND POSTERS</b>	<b>Moving Down the Long Tail of WSD with Gloss Informed Bi-encoders</b> WeCNLP (Poster) 2020
	<b>Better Character Language Modeling Through Morphology</b> UW CSE Industry Affiliates Day 2019 UW CSE Women's Research Day (Poster) 2020
	<b>Deep RNNs Encode Soft Hierarchical Syntax</b> GenDeep Workshop (Poster) 2018
<b>PROFESSIONAL SERVICE</b>	<b>Program Committee and Reviewing</b>
	ACL 2020
	COLING 2020
	NAACL 2021
	Computational Linguistics 2021
<b>UW CSE Women's Research Day Organizing Committee</b> 2019-2020	