

## POSITIONS

<b>Assistant Professor</b> August 2025 -	Khoury College of Computer Sciences Northeastern University
<b>Postdoctoral Researcher</b> September 2024 - August 2025	Faculty of Computer Science Universität Wien (University of Vienna)
<b>Visiting Researcher</b> March 2020 - March 2022	Facebook AI Research (FAIR), Seattle
<b>Research Contractor</b> July 2018 - March 2020	Facebook AI Research (FAIR), Seattle

## EDUCATION

<b>University of Washington</b> , Seattle, WA PhD in Computer Science Advisor: Luke Zettlemoyer	September 2017 - June 2024
<b>Columbia University</b> , New York, NY BA in Computer Science, Cum Laude Advisor: Kathy McKeown	September 2013 - May 2017

## PUBLICATIONS

Tomasz Limisiewicz, **Terra Blevins**, Hila Gonen, Orevaoghene Ahia, and Luke Zettlemoyer. *MYTE: Morphology-Driven Byte Encoding for Better and Fairer Multilingual Language Modeling*. In Proceedings of the 62nd Annual Meeting of the Association for Computational Linguistics (ACL), 2024.

Stephen Mayhew, **Terra Blevins**, Shuheng Liu, Marek Šuppa, Hila Gonen, Joseph Marvin Imperial, Börje F. Karlsson, Peiqin Lin, Nikola Ljubešić, LJ Miranda, Barbara Plank, Arij Riabi, Yuval Pinter. *Universal NER: A Gold-Standard Multilingual Named Entity Recognition Benchmark*. In Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2024.

Akari Asai, Sneha Kudugunta, Xinyan Velocity Yu, **Terra Blevins**, Hila Gonen, Machel Reid, Yulia Tsvetkov, Sebastian Ruder, Hannaneh Hajishirzi. *BUFFET: Benchmarking Large Language Models for Few-shot Cross-lingual Transfer*. In Proceedings of the 2024 Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), 2024.

Haoqiang Kang\*, **Terra Blevins\***, and Luke Zettlemoyer. *Translate to Disambiguate: Zero-shot Multilingual Word Sense Disambiguation with Pretrained Language Models*. In Proceedings of the 18th Conference of the European Chapter of the Association for Computational Linguistics (EACL), 2024.

Weijia Shi, Anirudh Ajith, Mengzhou Xia, Yangsibo Huang, Daogao Liu, **Terra Blevins**, Danqi Chen, Luke Zettlemoyer. *Detecting Pretraining Data from Large Language Models*. In the International Conference on Learning Representations (ICLR), 2024.

Hila Gonen, Srini Iyer, **Terra Blevins**, Noah A. Smith, and Luke Zettlemoyer. *Demystifying Prompts in Language Models via Perplexity Estimation*. In Findings of the 2023 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2023.

C.M. Downey, **Terra Blevins**, Nora Goldfine, and Shane Steinert-Threlkeld. *Embedding structure matters: Comparing methods to adapt multilingual vocabularies to new languages*. In Proceedings of the 3rd Multilingual Representation Learning (MRL) Workshop, 2023. **Awarded Best Paper**.

**Terra Blevins**, Hila Gonen, and Luke Zettlemoyer. *Prompting Language Models for Linguistic Structure*. In Proceedings of the 61st Annual Meeting of the Association for Computational Linguistics (ACL), 2023.

**Terra Blevins**, Hila Gonen, and Luke Zettlemoyer. *Analyzing the Mono- and Cross-Lingual Pre-training Dynamics of Multilingual Language Models*. In Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2022.

**Terra Blevins** and Luke Zettlemoyer. *Language Contamination Helps Explain the Cross-lingual Capabilities of English Pretrained Models*. In Proceedings of the 2022 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2022.

**Terra Blevins**, Mandar Joshi, and Luke 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.

**Terra Blevins** and Luke 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.

**Terra Blevins** and Luke Zettlemoyer. *Better Character Language Modeling Through Morphology*. In Proceedings of the 57th Association for Computational Linguistics (ACL), 2019.

**Terra Blevins**, Omer Levy, and Luke Zettlemoyer. *Deep RNNs Encode Soft Hierarchical Syntax*. In Proceedings of the 56th Association for Computational Linguistics (ACL), 2018.

**Terra Blevins**, Robert Kwiatkowski, Jamie C MacBeth, Kathleen McKeown, Desmond Patton and Owen Rambow, *Automatically Processing Tweets from Gang-Involved Youth: Towards Detecting Loss and Aggression*. In Proceedings of the International Conference on Computational Linguistics (COLING), 2016.

Or Biran, **Terra Blevins** and Kathleen McKeown, *Mining Paraphrasal Typed Templates from a Plain Text Corpus*. In Proceedings of the 54th Association for Computational Linguistics (ACL), 2016.

## PREPRINTS

Hila Gonen, **Terra Blevins**, Alisa Liu, Luke Zettlemoyer, and Noah A. Smith. *Does Liking Yellow Imply Driving a School Bus? Semantic Leakage in Language Models*. In submission, 2024.

C.M. Downey, **Terra Blevins**, Dhvani Serai, Dwija Parikh, and Shane Steinert-Threlkeld. *Targeted Multilingual Adaptation for Low-resource Language Families*. In submission, 2024.

**Terra Blevins**, Tomasz Limisiewicz, Suchin Gururangan, Margaret Li, Hila Gonen, Noah A. Smith, and Luke Zettlemoyer. *Breaking the Curse of Multilinguality with Cross-lingual Expert Language Models*. In submission, 2024.

Murray Kang, **Terra Blevins**, and Luke Zettlemoyer. *Comparing Hallucination Detection Metrics for Multilingual Generation*. In submission, 2024.

Mandar Joshi, **Terra Blevins**, Mike Lewis, Daniel S. Weld, and Luke Zettlemoyer. *Few-shot Mining of Naturally Occurring Inputs and Outputs*. Preprint, 2022.

## TEACHING

**Teaching Assistant** Computer Science and Engineering  
University of Washington  
Winter 2020, Winter 2021  
TA for Natural Language Processing (CSEP 517 and CSE 447/517); held office hours, graded assignments, and developed homeworks for the class.

**Teaching Assistant** 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).

**Workshop Assistant** Emerging Scholars Program  
Columbia University  
September 2015 - May 2016  
A semester-long seminar provided to introductory CS students. Met weekly to introduce them to various areas of upper-level CS study and research.

## FELLOWSHIPS AND AWARDS

**EECS Rising Stars** 2023  
Selected as a participant in the EECS Rising Stars Workshop, which is “an intensive workshop for graduate students and postdocs with historically marginalized or underrepresented genders who are interested in pursuing academic careers in electrical engineering and computer science artificial intelligence, and decision-making.”

**NSF Graduate Research Fellowship** 2018-2023  
Fellowship awarded by the National Science Foundation (NSF) to “recruit and support individuals who demonstrate the potential to make significant contributions in STEM.”

**College of Engineering Dean’s Fellowship** 2017-2018  
Fellowship awarded to select first-year graduate students within UW’s College of Engineering.

**CRA Outstanding Undergraduate Researchers Award Finalist** 2017  
Awarded by Computing Research Association to undergraduate students of North American institutions for outstanding research potential.

**Theodore R. Bashkow Award** 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.

## INVITED TALKS

**Breaking the Curse of Multilinguality in Language Modeling**  
George Washington University: Department of Computer Science 2024  
Washington University in St. Louis: Computer Science and Engineering 2024  
Columbia University: Department of Computer Science 2024  
University of California, Irvine: Department of Computer Science 2024  
Northeastern University: Khoury College of Computer Sciences 2024  
University of Toronto, UTech Ontario 2023

**Moving Down the Long Tail of Word Sense Disambiguation with Gloss Informed Bi-encoders**  
West Coast NLP Summit (WeCNLP, Poster) 2020

**Better Character Language Modeling Through Morphology**  
UW CSE Women’s Research Day (Poster) 2020  
UW CSE Industry Affiliates Day 2019

**Deep RNNs Encode Soft Hierarchical Syntax**  
GenDeep Workshop (Poster) 2018

## PROFESSIONAL SERVICE

### Conference Organizing Committees

ACL Workshop Co-Chair 2025

### Conference Program Committees

ARR/ACL Action Editor 2024

ACL Rolling Review (ARR) 2021-2024

EMNLP 2020-2023

ACL 2020-2021, 2023

COLING 2020, 2022

NAACL 2021

EACL 2021

### Workshop Program Committees

ACL Student Research Workshop 2023

Workshop on Noisy User-generated Text 2022

Methods for Optimizing and Evaluating Neural Language Generation 2019

### Journal Reviewing

Computational Linguistics (CL) 2021

## RESEARCH MENTORING

**Alessio Tosolini** March 2023 - present

UW CSE/Linguistics BS

**Haoqiang (Murray) Kang** September 2022 - present

UW CSE BS → UC San Diego PhD

**Shuheng Liu** January 2020 - June 2021

UW CSE BS → GA Tech PhD

**Kaushal Mangipudi** January 2020 - March 2021

UW CSE MS → Facebook ML Software Engineer