

Miriam Wanner

Ph.D. Student, Johns Hopkins University
Department of Computer Science

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Education

- **Ph.D., Computer Science** 8/2023 - Present
Johns Hopkins University, Center for Language and Speech Processing (CLSP)
Advisor: Mark Dredze
- **M.S.E., Computer Science** 8/2023 - 5/2025
Johns Hopkins University, Center for Language and Speech Processing (CLSP)
Advisor: Mark Dredze
- **B.A., Computer Science and Mathematics** 8/2019 - 5/2023
University of Virginia
GPA: 3.96

Research Interests

Natural language processing, fact checking, claim decomposition, information extraction, LLM evaluation

Experience

- **Johns Hopkins University**, Baltimore, MD 8/2023 - Present
Graduate Student Researcher, Advisor: Mark Dredze
- **Microsoft Research**, Redmond, WA 6/2025 - 8/2025
Research Intern, Advisor: Nick Craswell
- **Castorani Lab at the University of Virginia**, Charlottesville, VA 1/2021 - 5/2023
Undergraduate Student Researcher, Advisor: Max Castorani
- **REU at George Mason University**, Fairfax, VA 6/2021 - 8/2021
Undergraduate Student Researcher, Advisor: Antonios Anastasopoulos

Publications and Preprints

1. **Miriam Wanner**, Leif Azzopardi, Paul Thomas, Soham Dan, Benjamin Van Durme, Nick Craswell. All Claims Are Equal, but Some Claims Are More Equal Than Others: Importance-Sensitive Factuality Evaluation of LLM Generations. *Preprint, 2025*.
2. **Miriam Wanner***, Sophia Hager*, Anjalie Field. Does Local News Stay Local?: Online Content Shifts in Sinclair-Acquired Stations. *Preprint, 2025*.

3. William Walden, Kathryn Ricci, **Miriam Wanner**, Zhengping Jiang, Chandler May, Rongkun Zhou, Benjamin Van Durme. How Grounded is Wikipedia? A Study on Structured Evidential Support. *Preprint*, 2025.
4. **Miriam Wanner**, Benjamin Van Durme, Mark Dredze. DnDScore: Decontextualization and Decomposition for Factuality Verification in Long-Form Text Generation. *EMNLP*, 2025.
5. Jiefu Ou, William Gantt Walden, Kate Sanders, Zhengping Jiang, Kaiser Sun, Jeffrey Cheng, William Jurayj, **Miriam Wanner**, Shaobo Liang, Candice Morgan, Seunghoon Han, Weiqi Wang, Chandler May, Hannah Recknor, Daniel Khashabi, Benjamin Van Durme. ClaimCheck: How Grounded are LLM Critiques of Scientific Papers? *EMNLP Findings*, 2025.
6. Zhengping Jiang, Jingyu Zhang, Nathaniel Weir, Seth Ebner, **Miriam Wanner**, Kate Sanders, Daniel Khashabi, Anqi Liu, Benjamin Van Durme. Core: Robust Factual Precision Scoring with Informative Sub-Claim Identification. *ACL Findings*, 2025.
7. **Miriam Wanner***, Seth Ebner*, Zhengping Jiang, Mark Dredze, Benjamin Van Durme. A Closer Look at Claim Decomposition. **SEM*, 2024.
8. **Miriam S. Wanner**, Jonathan A. Walter, Daniel C. Reuman, Tom W. Bell, & Max C.N. Castorani. Dispersal synchronizes giant kelp forests. *Ecology*, 2024.
9. Nathaniel Krasner*, **Miriam Wanner***, Antonios Anastasopoulos. Revisiting the Effects of Leakage on Dependency Parsing. *ACL Findings*, 2022.

Awards and Honors

- Graduation With Distinction, University of Virginia 5/2023
- College Science Scholar, University of Virginia 9/2019 – 5/2023
- Echols Scholar, University of Virginia 9/2019 – 5/2023

Teaching Experience

- Johns Hopkins University 1/2025 - 5/2025
Teaching Assistant, *NLP for Computational Social Science*
- University of Virginia 1/2022 - 12/2022
Teaching Assistant, *Introduction to Programming*
- University of Virginia 8/2020 - 12/2022
Teaching Assistant, *Discrete Mathematics*

Skills

- Programming languages: Python, C++, Bash, R
- Frameworks/Toolkits: PyTorch, HuggingFace Transformers, $\LaTeX$, Git, Slurm
- Coursework: Machine Learning (ML), Deep Learning, Natural Language Processing (NLP), NLP for Computational Social Science, NLP: Self-Supervised Models, Human-in-the-Loop ML, Theory of Replicable ML, Machine Social Intelligence

Service

- Reviewer: ARR 2025, ICWSM 2026
- JHU CLSP Committees: Graduate Admissions (2025-present), Recruitment (2024-25), Social (2023-24)
- Application Mentor, JHU CLSP pre-application support program 2024-2025