

Weiqli You

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🌐 <http://fallcat.github.io/>

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Research Interests

Trustworthy and Explainable Machine Learning, Medical AI

Education

- 2020 – ▶ **Ph.D. Computer and Information Science, University of Pennsylvania**, Philadelphia, PA
Advisor: Prof. Eric Wong
Expected Graduation: Dec. 2025
- 2018 – 2020 ▶ **M.S. Computer Science, University of Massachusetts Amherst**, Amherst, MA
Advisor: Prof. Mohit Iyyer
- 2014 – 2018 ▶ **B.S. Computer Science and Mathematics, Gordon College**, Wenham, MA
Advisor: Prof. Jonathan Senning, Prof. Russell Bjork
Double major. Honors Thesis title: *Predict Media Interestingness*.

Internship & Employment History

- 2024 ▶ **Research Intern** Okinawa Institute of Science and Technology. Okinawa, Japan.
- 2022 ▶ **Research Intern** IBM Research Yorktown Heights. Yorktown Heights, NY.
- 2020 ▶ **Research Assistant** University of Southern California, Information Sciences Institute. Los Angeles, CA.
- 2018 ▶ **Research Intern** NLP Center, Meituan-Dianping Inc. Beijing, China.

Publications

Preprints

- 1 Helen Jin, Shreya Havaldar, Chaehyeon Kim, Anton Xue, **Weiqli You**, Helen Qu, Marco Gatti, Daniel A Hashimoto, Bhuvnesh Jain, Amin Madani, Masao Sako, Lyle Ungar, and Eric Wong (2024). *The FLX Benchmark: Extracting Features Interpretable to eXperts*. arXiv: 2409.13684 [cs.LG]. [🔗 URL: https://arxiv.org/abs/2409.13684](https://arxiv.org/abs/2409.13684).
- 2 **Weiqli You**, Helen Qu, Marco Gatti, Bhuvnesh Jain, and Eric Wong (2024). *Sum-of-Parts: Faithful Attributions for Groups of Features*. arXiv: 2310.16316 [cs.LG]. [🔗 URL: https://arxiv.org/abs/2310.16316](https://arxiv.org/abs/2310.16316).

Conferences and Journals

- 1 Chaehyeon Kim, **Weiqli You**, Shreya Havaldar, and Eric Wong (2024). “Evaluating Groups of Features via Consistency, Contiguity, and Stability”. In: *The Second Tiny Papers Track at ICLR 2024*. [🔗 URL: https://openreview.net/forum?id=IP2etbIEuC](https://openreview.net/forum?id=IP2etbIEuC).
- 2 Shreya Havaldar*, **Weiqli You***, Lyle Ungar, and Eric Wong (2023). “Visual Topics via Visual Vocabularies”. In: *XAI in Action: Past, Present, and Future Applications*. [🔗 URL: https://openreview.net/forum?id=h60T5pZrGc](https://openreview.net/forum?id=h60T5pZrGc).
- 3 Youngja Park and **Weiqli You** (Dec. 2023). “A Pretrained Language Model for Cyber Threat Intelligence”. In: *Proceedings of the 2023 Conference on Empirical Methods in Natural Language Processing: Industry Track*. Singapore: Association for Computational Linguistics, pp. 113–122. [🔗 DOI: 10.18653/v1/2023.emnlp-industry.12](https://doi.org/10.18653/v1/2023.emnlp-industry.12).

- 4 Li Zhang, Hainiu Xu, Yue Yang, Shuyan Zhou, **Weiqiu You**, Manni Arora, and Chris Callison-Burch (May 2023). “Causal Reasoning of Entities and Events in Procedural Texts”. In: *Findings of the Association for Computational Linguistics: EACL 2023*. Dubrovnik, Croatia: Association for Computational Linguistics, pp. 415–431. [DOI: 10.18653/v1/2023.findings-eacl.31](https://doi.org/10.18653/v1/2023.findings-eacl.31).
- 5 Artemis Panagopoulou, Manni Arora, Li Zhang, Dimitri Cugini, **Weiqiu You**, Yue Yang, Liyang Zhou, Yuxuan Wang, Zhaoyi Hou, Alyssa Hwang, Lara Martin, Sherry Shi, Chris Callison-Burch, and Mark Yatskar (2022). “QuakerBot: A household dialog system powered by large language models”. In: *Alexa Prize TaskBot Challenge 1 Proceedings*. [URL: https://www.amazon.science/alexaprize/proceedings/quakerbot-a-household-dialog-system-powered-by-large-language-models](https://www.amazon.science/alexaprize/proceedings/quakerbot-a-household-dialog-system-powered-by-large-language-models).
- 6 Thamme Gowda, **Weiqiu You**, Constantine Lignos, and Jonathan May (June 2021). “Macro-Average: Rare Types Are Important Too”. In: *Proceedings of the 2021 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies*. Online: Association for Computational Linguistics, pp. 1138–1157. [DOI: 10.18653/v1/2021.naacl-main.90](https://doi.org/10.18653/v1/2021.naacl-main.90).
- 7 **Weiqiu You***, Simeng Sun*, and Mohit Iyyer (July 2020). “Hard-Coded Gaussian Attention for Neural Machine Translation”. In: *Proceedings of the 58th Annual Meeting of the Association for Computational Linguistics*. Online: Association for Computational Linguistics, pp. 7689–7700. [DOI: 10.18653/v1/2020.acl-main.687](https://doi.org/10.18653/v1/2020.acl-main.687).

Teaching Experience

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| 2021 | <ul style="list-style-type: none"> ▶ Computational Linguistics
UPenn CIS530, Teaching Assistant, Spring 2021, Fall 2021 |
| Spring 2020 | <ul style="list-style-type: none"> ▶ Advanced Natural Language Processing
UMass COMPSCI685, Grader |
| Spring 2018 | <ul style="list-style-type: none"> ▶ Data Structures and Algorithms
Gordon CPS222, Teaching Assistant |
| Spring 2017 | <ul style="list-style-type: none"> ▶ Calculus II
Gordon MAT122, Teaching Assistant |
| Fall 2016 | <ul style="list-style-type: none"> ▶ Differential Equations
Gordon MAT225, Teaching Assistant |
| 2016 – 2018 | <ul style="list-style-type: none"> ▶ Biostatistics
Gordon, SPSS Help Session Tutor ▶ Calculus
Gordon, Tutor |

Invitations

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| 2024 | <ul style="list-style-type: none"> ▶ Panalist
Women in CS Panel, Computers and Society class. Gordon College, MA. ▶ Speaker
Artificial Intelligence Week Alumni Forum. High School Affiliated to Renmin University of China, Beijing, China. |
| 2022 | <ul style="list-style-type: none"> ▶ Panalist
Women in CS Panel, Computers and Society class. Gordon College, MA. |

*Equal contribution.

Awards

2024 ▶ **AWS-AI ASSET Fellow.**

Academic Services

- 2024 ▶ **ICLR.**
Reviewer.
- 2022 – 2023 ▶ **ACL Rolling Review.**
Reviewer.
- 2023 ▶ **ACL.**
Reviewer.
- 2022 ▶ **CLunch, a weekly NLP research seminar run by PennNLP.**
Organizer
- 2021 – 2023 ▶ **EMNLP.**
Reviewer.