

Millicent Li

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EDUCATION **Northeastern University**, Boston, MA Sep. 2022 - Present
Ph.D. in Computer Science
NSF Graduate Research Fellowship, Khoury Ph.D. Fellowship
Advisor: Byron Wallace

University of Washington, Seattle, WA 2017 - 2021
B.Sc. in Computer Science
Advisors: Noah Smith, Shwetak Patel

PUBLICATIONS AND TALKS

Peer Reviewed Publications

- [1] Todd, E., **Li, M.**, Sen Sharma, A., Mueller, A., Wallace, B., Bau, D. LLMs Represent Contextual Tasks as Compact Function Vectors. ICLR 2024.
- [2] Shaib, C., **Li, M.**, Sebastian, J., Marshall, I., Li, J., Wallace, B. Summarizing, Simplifying, and Synthesizing Medical Evidence using GPT-3 (with Varying Success). ACL 2023.
- [3] P. S. Ruth, J. Cao, **M. Li**, J. Sunshine, E. Wang, S. Patel. Multi-Channel Facial Photoplethysmography Sensing. EMBC 2020.

Preprints

- [P1] **Li, M.**, Chen, T., Van Durme, B., Xia, P. Multi-Field Adaptive Retrieval. In submission to ICLR 2025.
- [P2] Mueller, A., Brinkmann, J., ..., **Li, M.**, ... Belinkov Y. The quest for the right mediator: A history, survey, and theoretical grounding of causal interpretability. In submission to TMLR (2024).
- [P3] AlKhamissi, B.*, **Li, M.***, Celikyilmaz, A.^, Diab, M.^, and Ghazvininejad, M. A Review on Language Models as Knowledge Bases. ArXiv 2022. * *denotes equal contribution*, ^ *denotes equal supervision*

Talks

- [A] Continuous Arterial Blood Pressure Prediction with Deep Learning Algorithms. UW Undergraduate Research Symposium. May 2020.

INDUSTRY EXPERIENCE **Microsoft Semantic Machines** June 2024 - September 2024
Research Intern
Mentors: Patrick Xia, Tongfei Chen

Microsoft Research May 2021 - July 2021
Research Intern
Mentor: Tristan Naumann

Facebook AI Research August 2021 - September 2022
AI Resident
Mentors: Marjan Ghazvininejad and Mike Lewis

Google June 2020 - Sep. 2020
Software Engineering Intern

June 2019 - Sep. 2019

Khoury PhD Fellowship

NSF Graduate Research Fellowship

NSF Graduate Research Fellowship Honorable Mention

2021

2020

2020

2019

2018

2017

2017

2017

2017

2017

2017

UW CSE Student Advisory Council

At-Large Representative

- ## UW Undergraduate Research Program

Undergraduate Research Leader

- Instructor

CSE 590U, Graduate Ubiquitous Computing Seminar

Teaching Assistantships

Fall 2019, Spring 2020

Winter 2020

Fall 2018, Winter 2018

Curriculum Development

Winter 2018

Other Teaching

Summer 2018