Millicent Li

mllcntl@gmail.com | https://millicentli.github.io/

EDUCATION

Northeastern University, Boston, MA — 2022 - Present
Ph.D. in Computer Science
NSF Graduate Research Fellowship, Khoury PhD 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] **Li, M.**, Chen, T., Van Durme, B., Xia, P. Multi-Field Adaptive Retrieval. ICLR 2025 Spotlight (top 5%).

[2] Todd, E., **Li, M.**, Sen Sharma, A., Mueller, A., Wallace, B., Bau, D. Function Vectors in Large Language Models. ICLR 2024.

[3] 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.

[4] P. S. Ruth, J. Cao, **M. Li**, J. Sunshine, E. Wang, S. Patel. Multi-Channel Facial Photoplethysmography Sensing. EMBC 2020.

Preprints

[P1] 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).

[P2] AlKhamissi, B.*, **Li, M.***, Celikyilmaz, A.ˆ, Diab, M.ˆ, and Ghazvininejad, M. A Review on Language Models as Knowledge Bases. ArXiv 2022. ** denotes equal contribution, ˆdenotes 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, Mike Lewis

Google — June 2020 - Sep. 2020
Software Engineering Intern

	Google	June 2019 - Sep. 2019
	Engineering Practicum Intern	

HONORS		
	Khoury PhD Fellowship	2022 - 2023
	NSF Graduate Research Fellowship	2022 - 2027
	NSF Graduate Research Fellowship Honorable Mention	2021
	Washington Research Foundation Fellowship	2020
	Mary Gates Research Scholarship	2020
	Google Grace Hopper Travel Scholarship	2019
	Paul G. Allen School Grace Hopper Travel Scholarship	2018
	Washington NASA Space Grant Finalist	2017
	Washington State Opportunity Scholarship	2017
	Denice Dee Denton Endowment Scholarship	2017
	Anderson Family Endowed Scholarship	2017
	Google Endowed Scholarship	2017
	NCWIT Seattle and West Affiliate Award Winner	2017

Service and Volunteering

Khoury PhD Application Reviewer		2022, 2023
UW CSE Student Advisory Council		June 2019 - March 2021
At-Large Representative		

- Advocate for undergraduate students in the computer science department over ethics, diversity, and outreach through events and action
- Chaired the Undergraduate Research Panel to encourage 30+ undergraduates to pursue research in computing
- Adapted undergrads to online courses through COVID-19 initiatives

UW Undergraduate Research Program	Aug. 2020 - March 2021
Undergraduate Research Leader	

- Provide outreach to First-Year Interest Groups (FIGs) about undergraduate research through presentations and answering questions.

TEACHING EXPERIENCE

Instructor

UW CSE 590U, Ubiquitous Computing Seminar (PhD)	Fall 2020, Winter 2021

Teaching Assistantships

UW CSE 351, Hardware/Software Interface	Fall 2019, Spring 2020
UW CSE 332, Data Structures and Algorithms	Winter 2020
UW CSE 142, Introduction to Programming	Fall 2018, Winter 2018

Curriculum Development

Microsoft edX: Introduction to Device Programming	Winter 2018

Other Teaching

AID Taiwan Volunteer English Teacher	Summer 2018