Pardissadat Zahraei

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Education

PhD in Computer Science — Aug 2025 – May 2030
University of Illinois at Urbana-Champaign (UIUC) — *Illinois, USA*
- Final Grade: N/A

B.Sc in Computer Engineering — Nov 2020 - Jul. 2025
Sharif University of Technology — *Tehran, Iran*
- FinalGrade: 18.27/20

Publications

I Am Aligned — But With Whom? MENA Values Benchmark for Evaluating Cultural Alignment and Multilingual Bias in LLMs
*Authors: **Pardis Sadat Zahraei**, Ehsaneddin Asgari*
Under Review - NeurIPS 2025

WSC+: Enhancing The Winograd Schema Challenge Using Tree-of-Experts
*Authors: **Pardis Sadat Zahraei**, Ali Emami*
The 2024 Conference of the European Chapter of the Association for Computational Linguistics (EACL)

TuringQ: Benchmarking AI Comprehension in Theory of Computation
*Authors: **Pardis Sadat Zahraei**, Ehsaneddin Asgari*
Findings of the Association for Computational Linguistics: EMNLP 2024

Translate With Care: Addressing Gender Bias, Neutrality, and Reasoning in LLM Translations
*Authors: **Pardis Sadat Zahraei**, Ali Emami*
Findings of the Association for Computational Linguistics: ACL 2025

Detecting Bias and Enhancing Diagnostic Accuracy in Large Language Models for Healthcare
*Authors: **Pardis Sadat Zahraei**, Zahra Shakeri*
UnderReview- Nature npj Digital Medicine Journal

Generative AI for Character Animation: A Comprehensive Survey
*Authors: Mohammad Mahdi Abootorabi, Omid Ghahroodi, **Pardis Sadat Zahraei**, et al.*

Research Interests

- Natural Language Processing (NLP)
- AI Safety and Alignment
- Multilingual and Cross-Cultural AI
- Benchmarking and Evaluation

Research Experience

- **Qatar Computing Research Institute (QCRI)** — *Feb 2024 – Present*
  Collaborated with Prof. Ehsaneddin Asgari on evaluating LLMs in formal languages and alignment.

- **HIVE Lab, University of Toronto** — *Jul 2024 – Oct 2024*
  Research intern with Prof. Zahra Shakeri; built datasets to evaluate fairness in clinical language models.

- **Brock University** — *Jul 2023 – Jul 2024*
  Collaborated with Prof. Ali Emami on analyzing language model performance in translation and reasoning.

Voluntary Teaching Assistant, Sharif University of Technology

- Natural Language Processing | Spring 2024
- Artificial Intelligence | Fall 2023, Spring 2023, Fall 2024
- Modern Information Retrieval | Spring 2024
- Machine Learning | Fall 2023, Spring 2023, Fall 2024, Spring 2024