Shuhaib Mehri

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EDUCATION

University of Illinois Urbana-Champaign   *Aug. 2024 - Present*
Ph.D. in Computer Science, Advisor: Prof. Dilek Hakkani-Tür

University of British Columbia   *Sep. 2019 - May 2024*
B.Sc. Honours Computer Science

PUBLICATIONS

[1] **Goal Alignment in LLM-Based User Simulators for Conversational AI**
Shuhaib Mehri, Xiaocheng Yang, Takyoung Kim, Gokhan Tur, Shikib Mehri, Dilek Hakkani-Tür.
PREPRINT

[2] **Must Read: A Systematic Survey of Computational Persuasion** 📄
Nimet Beyza Bozdag, Shuhaib Mehri, Xiaocheng Yang, Hyeonjeong Ha, Zirui Cheng, Esin Durmus, Jiaxuan You, Heng Ji, Gokhan Tur, Dilek Hakkani-Tür.
PREPRINT

[3] **PIPA: A Unified Evaluation Protocol for Diagnosing Interactive Planning Agents** 📄
Takyoung Kim*, Janvijay Singh*, Shuhaib Mehri*, Emre Can Acikgoz, Sagnik Mukherjee,
Nimet Beyza Bozdag, Sumuk Shashidhar, Gokhan Tur, Dilek Hakkani-Tür.
PREPRINT

[4] **Persuade Me if You Can: A Framework for Evaluating Persuasion Effectiveness and Susceptibility Among Large Language Models** 📄
Nimet Beyza Bozdag, Shuhaib Mehri, Gokhan Tur, Dilek Hakkani-Tür.
PREPRINT

[5] **Beyond Sample-Level Feedback: Using Reference-Level Feedback to Guide Data Synthesis** 📄
Shuhaib Mehri, Xiusi Chen, Heng Ji, Dilek Hakkani-Tür.
PREPRINT

[6] **Exploiting Questions Under Discussion for Discourse Relation Recognition in Dialog**
Shuhaib Mehri, Chuyuan Li, Giuseppe Carenini. In *Proceedings of the 5th Workshop on Computational Approaches to Discourse (CODI 2024).*
CODI, EACL 2024

[7] **Automatic Evaluation of Generative Models with Instruction Tuning** 📄
Shuhaib Mehri, Vered Shwartz. In *Proceedings of the Third Workshop on Natural Language Generation, Evaluation, and Metrics (GEM).*
GEM, EMNLP 2023

PROFESSIONAL EXPERIENCE

IBM Research   *May. 2025 – Aug 2025*
Research Scientist Intern

- Working on orchestratig specialized tools for enhanced Retrieval-Augmented Generation (RAG) for the Large Scale Language Models team.

iClinic Systems Inc.   *Dec. 2023 – May 2024*
Research Scientist Intern, Advisor: Prof. Vered Shwartz

- Was awarded the *Mitacs Accelerated Fellowship for Master's and PhD Students* as an undergraduate student, under the recommendation of Prof. Vered Shwartz.
- Led the development of an NLP information extraction pipeline tailored for clinical documents.
- Devised a comprehensive annotation guideline, used LLMs for structured generation and refined prompting strategies, and employed data augmentation to establish a robust evaluation framework.

- Integrated the pipeline into an API, enabling information extraction for patient data.

Amazon *Jan. 2023 – Aug. 2023*

Software Development Engineer Intern, Gurupa Team
- Owned the end-to-end creation of an interactive data visualization tool that streamlined the migration from Amazon's core page rendering engine. Resulted in a fully operation web application deployed to production.

Amazon *May 2022 – Aug. 2022*

Software Development Engineer Intern, Dram Team
- Built a command line interface that uses cloud computing to generate and register consumer ready metadata, enabling developers to create/manage Amazon web pages.

Clir Renewables *Sep. 2021 – Dec. 2021*

Software Development Engineer Intern
- Built and deployed a management software solution for renewable energy assets.

Teaching

University of British Columbia *Sep 2020 – May 2024*

Teaching Assistant for *Models of Computation (CPSC 121)* and *Intro to Software Engineering (CPSC 310)*

Awards

Mitacs Accelerate Fellowship *2023*