

# Aida Ramezani



## RESEARCH INTERESTS

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Natural Language Processing, Computational Social Science, Cognitive Science

## EDUCATION

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**2020 - present (PhD)** Computer Science at **University of Toronto**.  
Supervisor: Professor Yang Xu.  
Thesis: A computational investigation of language and moral change.

**2016 - 2020 (B.Sc.)** Computer Engineering at **Sharif University of Technology**.  
GPA: 18.92/20.0

## WORK EXPERIENCE

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**Research intern at Microsoft + Nuance** May 2023 - July 2023  
Worked on radiology summarization solutions in large language models.

## AWARDS

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Schwartz Reisman Institute for Technology and Society Graduate Affiliation. 2022 – 2023  
Schwartz Reisman Institute for Technology and Society Graduate Fellowship. 2021 – 2022  
University of Toronto, Recognition Of Excellence Award. 2020  
Iran's National Elites Foundation. 2016 – 2020

## PUBLICATIONS

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- [1] Aida Ramezani and Yang Xu. “Knowledge of cultural moral norms in large language models”. In: *Proceedings of the 61th Annual Meeting of the Association for Computational Linguistics*. 2023.
- [2] Aida Ramezani et al. “Evolution of moral semantics through metaphorization”. In: *Proceedings of the Annual Meeting of the Cognitive Science Society*. Vol. 44. 44. 2022.
- [3] Aida Ramezani et al. “The emergence of moral foundations in child language development”. In: *Proceedings of the Annual Meeting of the Cognitive Science Society*. Vol. 44. 44. 2022.
- [4] Aida Ramezani et al. “An unsupervised framework for tracing textual sources of moral change”. In: *Findings of the Association for Computational Linguistics: EMNLP 2021*. Punta Cana, Dominican Republic: Association for Computational Linguistics, 2021.

## MANUSCRIPTS IN PREPARATION

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- [1] Aida Ramezani et al. *Evolution of moral semantics through metaphorization*. 2024.
- [2] Aida Ramezani et al. *Quantifying the emergence of moral foundational lexicon in child language development*. 2024.

# SKILLS

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Machine learning	Python: PyTorch, NumPy, Pandas, JAX, SciPy, Scikit-learn, Seaborn.
Data science	R
Familiar with	Microsoft Azure, Java, L <sup>A</sup> T <sub>E</sub> X, Markdown, C, C <sup>++</sup> .