Aida Ramezani

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Research interests	Natural Language Processing, Computational Social Science, Computational Linguistics, Machine Learning

Education

University of Toronto — Toronto, CA
PhD in Computer Science — Sep. 2020 – Present
Focus: Language and moral change
Supervisor: Professor Yang Xu

Selected coursework
Statistical Learning Theory, Neural Net Training Dynamics, Natural language computing, Computational models of semantic change, Computational linguistics

Sharif University of Technology — Tehran, IR
B.Sc. in Computer Engineering — Sep. 2016 – July 2020
Supervisor: Professor Mahdi Jafari Siavoshani; *GPA: 18.92/20*

Selected coursework
Theory of machine learning, Information retrieval, Artificial intelligence, Intro to bio-informatics, Linear algebra, Numerical computation, Computer simulation, Data analysis, Probability and statistics

Honors and Awards

Schwartz Reisman Institute for Technology and Society Graduate Fellowship. 2021 – 2022.
Iran's National Elites Foundation: Recognized as elite member.   2016 – 2020
Iran's National University Entrance Exam: Ranked 71st out of 50'000 participants.   2016

Publications

Ramezani, A., Zhu, Z., Rudzicz, F., and Xu, Y. An unsupervised framework for tracing textual sources of moral change. *Findings of the Association for Computational Linguistics: EMNLP 2021.*
Ramezani, A., Stellar, J.E., Feinberg, M., and Xu, Y. Evolution of moral semantics through metaphorization (in submission).
Ramezani, A., Liu, E., Ferreira, R., Lee, S., Xu, Y. The emergence of moral foundations in child language development (in submission).

Research Experience

Research Assistant, University of Toronto
Supervisor: Professor Yang Xu — 2020 – Present
Research Area: Moral change inference from text

Member of INL lab, Sharif University of Technology

Supervisor: Professor Mahdi Jafari Siavoshani   2018 – 2020

Research Area: Deep learning models in computer networks

Teaching Experience   **Teaching assistant, Univeristy of Toronto**   Winter 2022

CSC 2611: Computational models of semantic change

Teaching assistant, Univeristy of Toronto   Winter 2022

CSC 384: Introduction to artificial intelligence

Teaching assistant, Univeristy of Toronto   Fall 2021

CSC 110: Foundations of Computer Science

Teaching assistant, Univeristy of Toronto   Summer 2021

CSC 384: Introduction to artificial intelligence

Teaching assistant, Univeristy of Toronto   Winter 2021

CSC 384: Introduction to artificial intelligence

Teaching assistant, Sharif University of Technology   Fall 2019

Artificial intelligence

Teaching assistant, Sharif University of Technology   Fall 2018-2019

Probability and statistics (2 times)

Programming Skills   Proficient in: Python, R, Java, C, C++

Familiar with: LaTeX, SQL, MATLAB, Racket

Languages   English (advanced)

Farsi (native)