

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

Upcoming Manuscripts

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*, 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 384: Introduction to artificial intelligence

Teaching assistant, Univeristy of Toronto

Winter 2022

CSC 2611: Computational models of semantic change

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

Preparing assignment, quizzes, and marking.

Teaching assistant, Univeristy of Toronto

Winter 2021

CSC 384: Introduction to artificial intelligence

Preparing quizzes, review sessions, and marking.

Teaching assistant, Sharif University of Technology

Fall 2019

Artificial intelligence

Preparing quizzes and assignments.

Teaching assistant, Sharif University of Technology

Fall 2018-2019

Probability and statistics (2 times)

Preparing assignments, lecture notes, and marking.

Programming Skills

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

Familiar with: \LaTeX , SQL, MATLAB, Racket**Languages**

English (advanced)

Farsi (native)