# 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. (to appear) Evolution of moral semantics through metaphorization. In Proceedings of the 44rd Annual Meeting of the Cognitive Science Society.
Ramezani, A., Liu, E., Ferreira Pinto Jr., R., Lee, S., Xu, Y. (to appear) The emergence of moral foundations in child language development. In Proceedings of the 44rd Annual Meeting of the Cognitive Science Society.

**Research Experience**

**Research Assistant, University of Toronto**

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|---|---|---|
|  | 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 |  |

<span style="color:green">Teaching Experience</span>

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|---|---|---|
| **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) | | |

<span style="color:green">Programming Skills</span>

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

Familiar with: LaTeX, SQL, MATLAB, Racket

<span style="color:green">Languages</span>

English (advanced)

Farsi (native)