ZAHRA SARABI

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OBJECTIVE — Seeking an internship position to expand my knowledge in Natural Language Processing and Machine Learning

Specialization — Natural Language Processing, Computational Linguistics, Machine Learning

Education

- ❖ PhD student (ABD) in Computer Science and Engineering
  University of North Texas, Current GPA: 4.0 — Anticipated: August 2018
- ❖ M.S. in Artificial Intelligence and Robotics
  Iran University of Science and Technology, Iran — September 2013
    - Ranked 3rd-best student in the program
- ❖ B.S. in Software Engineering, Shahid Beheshti University, Iran — May 2006

Honors and Awards

- Spring 2016. **Outstanding student award,** CSCE Department at the University of North Texas
- Spring 2016. **CRA-W Workshop and Travel Scholarship**, San Diego, CA, USA
- Summer 2016. **Student Volunteer Scholarship**, North American Chapter of the ACL (NAACL)
- Fall 2015. **PhD Scholarship**, College of Engineering, University of North Texas
- Fall 2012. **Ranked 3rd among Artificial Intelligence M.S. graduates** at the Iran University of Science and Technology (one of the top 5 universities in Iran)
- Fall 2011. **M.S. Scholarship**, Research Institute of Communication and Information Technology

Programming and Libraries — Python(Advanced), Java(Advanced), Scala(Intermediate) Git(version control), Spacy, Sklearn, SciPy, NumPy, TensorFlow, Keras

Affiliations

- **UNT Women in Computing: Vice President**: Summer 2017- present / Member: Sep. 2015–Present
- **UNT Chapter, Association for Computing Machinery:** Member: September 2015–present

PUBLICATIONS

1. Zahra Sarabi, Eduardo Blanco. 2017. Understanding Negation in Positive Terms. In *Proceedings of the 12th Women in Machine Learning workshop, co-located with NIPS (WiML). Long Beach, CA, USA*
2. Zahra Sarabi, Eduardo Blanco. 2017. If No Media Were Allowed inside the Venue, Was Anybody Allowed? In *Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL). Valencia, Spain.*
3. Zahra Sarabi, Eduardo Blanco. 2016. Understanding Negation in Positive Terms Using Syntactic Dependencies. In *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, Austin, TX, USA.
4. Eduardo Blanco, Zahra Sarabi. 2016. Automatic Generation and Scoring of Positive Interpretations from Negated Statements. In *Proceedings of the 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, pp. 1431-441, San Diego, CA, USA.
5. Zahra Sarabi, Morteza Analoui. 2012. A New DOP Model for Phrase-structure Parsing of Persian Sentences. In *Proceedings of the 10th Workshop on Asian Language Resources, pages 45–54, (COLING)*, Mumbai, India.
6. Zahra Sarabi, Hooman Mahyar, Mojgan Farhoodi. 2013. ParsiPardaz: Persian Language Processing Toolkit, In *Proceedings of The 3rd International Conference on Computer and Knowledge Engineering*

PROFESSIONAL EXPERIENCE

- Research Assistant: Computer Science Department, University of North Texas, August 2015-present
- Employment: Research Institute of Communication and Information Technology (ITRC) Jan. 2012 - Mar. 2015
    - Designed and implemented the first NLP Toolkit for Persian using JAVA. This task was done as part of a larger project focused on designing a question answering system for the Persian language. The toolkit includes a Tokenizer, Lemmatizer, POS tagger and Dependency Parser. Results were published in Sarabi et al. [5].

TEACHING EXPERIENCE

- "An Introduction to Formal Languages & Automata", Payame Noor University, Iran. Lecturer for B.S. students in Computer Engineering, 2013-2014.
- "Fundamental Concepts of Compilers", Payame Noor University, Iran. Lecturer for B.S. students in Computer Engineering, 2013-2014.