

Shiva Taslimipoor

| | | |
|-------------------------|--|---|
| CONTACT INFORMATION | Research Group in Computational Linguistics University of Wolverhampton MC132, Strafford Street, Wolverhampton, UK | <i>Webpage:</i> https://shivaat.github.io <i>Email:</i> shiva.taslimi@wlv.ac.uk |
| RESEARCH INTERESTS | Natural Language Processing Multiword Expressions Semantic Similarity Figurative Language Cross-lingual Text Processing Machine Learning | |
| EDUCATION | Ph.D. in Computational Linguistics, University of Wolverhampton, 2014-2018 <ul style="list-style-type: none">Thesis: Automatic Identification and Translation of Multiword Expressions, under the supervision of Prof. Ruslan Mitkov M. Sc. in Artificial Intelligence, Shiraz University , 2009-2012 <ul style="list-style-type: none">Thesis: Automatic Investigation of the Semantics of Persian Compound Verbs, under the supervision of Dr. Afsaneh Fazly B. Sc. in Computer Science and Engineering , Shiraz University, 2004-2008. <ul style="list-style-type: none">Thesis: Detecting Openness of Pistachio Nuts Using Image Classification Methods, under the supervision of Prof. Zohreh Azimifar | |
| SKILLS | <ul style="list-style-type: none">Working knowledge of most relevant machine learning concepts e.g. classification, regression, tagging, structured prediction, deep learning and representation learning.Programming Languages: Python, MATLAB, Java, C/C++, Perl.NLP Tools: SpaCy, Gensim, NLTK, SketchEngine, WordNet.ML Tools: Keras (with Tensorflow backend), Scikit-learn.Human Languages: Persian(Native), English(Fluent), Arabic(Familiar with). | |
| WORK EXPERIENCE | Postdoctoral Research Associate , October 2018 - present Research Group in Computational Linguistics, University of Wolverhampton, UK. Research Assistant , 2013 - 2014 Computer Vision and Pattern Recognition Lab, Shiraz University <ul style="list-style-type: none">I worked as a developer and researcher on a project about traffic analysis for the Municipality of the city of Shiraz. My responsibility was mostly focused on solving Stereopsis problems. Instructor , Jahrom, Iran, Fall 2012 & Spring 2013 <ul style="list-style-type: none">Discrete Mathematics course at Computer Engineering and IT dept. of Jahrom University.Data Structures course at Computer Software Technology dept. and Mathematics dept. of Jahrom University.Introduction to Formal Languages and Automata course at Computer Software Technology dept., Andisheh Jahrom Institute of higher Education.Artificial Intelligence at Computer Software Technology dept., Andisheh Jahrom Institute of higher Education and Azad University of Jahrom. | |
| MENTORING EXPERIENCE | Supervised several bachelor projects , Fall 2012 & Spring 2013 | |

Jahrom University and Andisheh Jahrom Institute of higher Education, Jahrom, Iran

- In these projects, I familiarized my students with innovations in different aspects of NLP e.g. VSMs in Semantics, Document Categorization, Text Summerization, Spam Filtering, Machine Translation, etc.

Teaching assistant, Fall 2016

7LN001 Python Programming, University of Wolverhampton

COMMUNITY
SERVICE

Editorial Assistant (2014 - Present)

Cambridge Journal of Natural Language Engineering

Organising Committee Member

EUROPHRAS 2017, London, UK, November 2017

Organising Committee Member

Student Research Workshop, held in conjunction with EUROPHRAS 2017, London, UK, November 2017

Reviewer

JNLE, RANLP 2017, SLSP 2017, CICLing 2017, RANLP 2015, AISP 2012

ATTENDED
SUMMER
SCHOOL AND
MEETINGS

PARSEME 7th general meeting, 26 - 27 September 2016, Dubrovnik, Croatia

PARSEME 2nd Training School, 27 June - 1 July 2016, La Rochelle, France

- Poster Presentation: Improving Automatic Identification of Multiword Expressions Bilingually

AWARDS AND
ACHIEVEMENT

Ranked 3rd in SemEval 2018 shared task 3 “Irony detection in English tweets”

Ranked 4th (joint) in SemEval 2018 shared task 10 “Capturing Discriminative Attributes”

Best paper award in RANLP 2017

Best paper award by a young researcher in Europhras2015

PARSEME grant for the 2nd training school

Ph.D. Scholarship from the University of Wolverhampton, UK, (2014-2017)

PUBLICATIONS

Forthcoming

- Omid Rohanian, **Shiva Taslimipoor**, Samaneh Kouchaki, Le An Ha, Ruslan Mitkov: Bridging the Gap: Attending to Discontinuity in Identification of Multiword Expressions. Accepted for publication at NAACL-HLT 2019.
- Ruslan Mitkov and Shiva Taslimipoor: What matters more: the size of the corpora or their quality? The case of automatic translation of multiword expressions using comparable corpora. John Benjamins.

Published

- **Shiva Taslimipoor**, Omid Rohanian, Ruslan Mitkov, Afsaneh Fazly: Identification of multiword expressions: A fresh look at modelling and evaluation. In *Multiword expressions at length and in depth. Extended papers from the MWE 2017 workshop*, Language Science Press, pages: 299 - 317, 2018.
- **Shiva Taslimipoor** and Omid Rohanian: SHOMA at Parseme Shared Task on Automatic Identification of VMWEs: Neural Multiword Expression Tagging with High Generalisation. In arXiv preprint arXiv:1809.03056. 2018.
- **Shiva Taslimipoor**, Omid Rohanian, Le An Ha, Gloria Corpas, Ruslan Mitkov: Wolves at SemEval-2018 Task 10: Semantic Discrimination based on Knowledge and Association.

In *Proceedings of the 12th international workshop on semantic evaluation (SemEval 2018)*, pages 972-976, 2018.

- Omid Rohanian, **Shiva Taslimipoor**, Richard Evans, Ruslan Mitkov: WLV at SemEval-2018 Task 3: Dissecting Tweets in Search of Irony. In *Proceedings of the 12th international workshop on semantic evaluation (SemEval 2018)*, pages 553-559, 2018.
- Victoria Yaneva, **Shiva Taslimipoor**, Omid Rohanian, Le An Ha: Cognitive Processing of Multiword Expressions in Native and Non-native Speakers of English: Evidence from Gaze Data. In Mitkov, R. (Ed.) *Computational and Corpus-based Phraseology. EUROPHRAS 2017. Lecture Notes in Computer Science*, vol 10596. Springer, pages 363-379, 2017.
- Omid Rohanian, **Shiva Taslimipoor**, Victoria Yaneva, Le An Ha: Using Gaze data to predict Multiword Expressions. In *proceedings of the 11th Conference on Advances in Natural Language Processing (RANLP 2017)*, Varna, Bulgaria, pages 601-609, 2017.
- **Shiva Taslimipoor**, Omid Rohanian, Ruslan Mitkov, and Afsaneh Fazly: Investigating the opacity of verb-noun multiword expression usages in context, in *proceedings of the 13th Workshop on Multiword Expressions, MWE@EACL 2017*, Valencia, Spain, April 4, pages 133-138, 2017.
- **Shiva Taslimipoor**, Anna Desantis, Manuela Cherchi, Ruslan Mitkov, Johanna Monti: Language resources for Italian: towards the development of a corpus of annotated Italian multiword expressions, in *proceedings of Third Italian Conference on Computational Linguistics (CLiC-it 2016) & Fifth Evaluation Campaign of Natural Language Processing and Speech Tools for Italian (EVALITA 2016)*, Naples, Italy, 2016.
- **Shiva Taslimipoor**, Ruslan Mitkov, Gloria Corpas Pastor, Afsaneh Fazly: Bilingual Contexts from Comparable Corpora to Mine for Translations of Collocations, in *proceedings of the 17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing2016)*, Konya, Turkey, 2016.
- **Shiva Taslimipoor**: Cross-lingual Extraction of Multiword Expressions, in *proceedings of Computerised and Corpus-based Approaches to Phraseology: Monolingual and Multilingual Perspectives (Europhras2015)*, Malaga, Spain, 2015.
- **Shiva Taslimipoor**, Ruslan Mitkov, Gloria Corpas Pastor: Using Cross-lingual Contexts to Extract Translation Equivalents for Multiword Expressions from Parallel Corpora, in *proceedings of 7th International Conference of the Iberian Association of Translation and Interpreting Studies (AIETI'15)*, Malaga, Spain, 2015.
- **Shiva Taslimipoor**, Afsaneh Fazly and Ali Hamzeh: [Using Noun Similarity to Adapt an Acceptability Measure for Persian Light Verb Constructions](#), In *proceedings of the Eight International Conference on Language Resources and Evaluation (LREC'12)*, Istanbul, Turkey, 2012.
- **Shiva Taslimipoor**, Afsaneh Fazly and Ali Hamzeh: [A Class-based Acceptability Measure for Persian Light Verb Constructions](#), *IEEE International Symposium on Artificial Intelligence and Signal Processing (AISP2012)*, Shiraz, Iran, 2012.

* References will be provided upon request.