

# Shiva Taslimipoor

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

MENTORING EXPERIENCE	<p><b>Supervised several bachelor projects</b>, Fall 2012 &amp; Spring 2013  Jahrom University and Andisheh Jahrom Institute of higher Education, Jahrom, Iran</p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p><b>Teaching assistant</b>, Fall 2016</p> <ul style="list-style-type: none"> <li>• 7LN001 Python Programming, University of Wolverhampton</li> </ul>
	<p><b>Editorial Assistant (2014 - Present)</b>  Cambridge Journal of Natural Language Engineering</p> <p><b>Organising Committee Member</b>  EUROPHRAS 2017, London, UK, November 2017</p> <p><b>Organising Committee Member</b>  Student Research Workshop, held in conjunction with EUROPHRAS 2017, London, UK, November 2017</p> <p><b>Reviewer</b>  JNLE, RANLP 2017, SLSP 2017, CICLing 2017, RANLP 2015, AISP 2012</p>
ATTENDED SUMMER SCHOOL AND MEETINGS	<p>PARSEME 7th general meeting, 26 - 27 September 2016, Dubrovnik, Croatia  PARSEME 2nd Training School, 27 June - 1 July 2016, La Rochelle, France</p> <ul style="list-style-type: none"> <li>• Poster Presentation: Improving Automatic Identification of Multiword Expressions Bilingually</li> </ul>
AWARDS AND ACHIEVEMENT	<p>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)</p>
PUBLICATIONS	<p>Forthcoming</p> <ul style="list-style-type: none"> <li>• 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.</li> </ul> <p>Published</p> <ul style="list-style-type: none"> <li>• <b>Shiva Taslimipoor</b>, Omid Rohanian, Ruslan Mitkov, Afsaneh Fazly: Identification of multiword expressions: A fresh look at modelling and evaluation. In <i>Multiword expressions at length and in depth. Extended papers from the MWE 2017 workshop</i>, Language Science Press, pages: 299 - 317, 2018.</li> <li>• <b>Shiva Taslimipoor</b> 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.</li> <li>• <b>Shiva Taslimipoor</b>, Omid Rohanian, Le An Ha, Gloria Corpas, Ruslan Mitkov: Wolves at SemEval-2018 Task 10: Semantic Discrimination based on Knowledge and Association. In <i>Proceedings of the 12th international workshop on semantic evaluation (SemEval 2018)</i>, pages 972-976, 2018.</li> </ul>

- 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.