Ahmet Üstün

Computational Linguistics,
Center for Language and Cognition
University of Groningen
Netherlands
a.ustun@rug.nl

Interests

Computational Linguistics, Natural Language Processing, Deep Learning,
Machine Learning, Multilingual NLP, Morphology

Education

PhD in Computational Linguistics
University of Groningen, CLCG, Netherlands
Supervisor: Dr. Gosse Bouma, Prof. Dr. Gertjan van Noord,

2018 - 2022

PhD in Cognitive Science
Middle East Technical University, Informatics Institute, Turkey
Thesis Advisor: Prof. Dr. Cem Bozşahin

2017 - 2018

MSc in Cognitive Science
Middle East Technical University, Informatics Institute, Turkey
Thesis Advisor: Prof. Dr. Cem Bozşahin
Thesis Title: Probabilistic Learning Of Turkish Morphosemantics By Latent Syntax

2015 - 2017

BSc in Electrical and Electronic Engineering
Middle East Technical University, Turkey
Project Advisor: Dr. Afşar Saranlı

2007 - 2014

Research Experience

Research Intern
University of Edinburgh, Edinburgh, United Kingdom
Title: Web Portal Development, Structuring Discourse in Multilingual Europe
Supervisor: Prof. Bonnie Webber

Nov 2017 - Mar 2018

Project Researcher
Middle East Technical University, Informatics Institute, Ankara, Turkey
Title: New Semantic Annotations in Turkish Discourse Bank: Attributions
Supervisor: Prof. Deniz Zeyrek Bozşahin

Jan 2017 - Dec 2017

Project Researcher
Hacettepe University, Beytepe, Ankara, Turkey
Title: Unsupervised Joint Learning of Morphology and Syntax in Turkish
Supervisor: Assist. Prof. Burcu Can Buğlalılar

Dec 2015 - Oct 2017

Work Experience

Co-Founder, NLP Engineer   Oct. 2017 - 2018
Comind AI, Ankara, Turkey

Research and Development Engineer   July 2014 - Oct. 2017
Cybersoft Information Technologies, Ankara, Turkey

Grants

Technological Entrepreneurship Support Program for R&D Projects   Sep 2017
The Scientific and Technological Research Council of Turkey
Project Title: Conversational Foreign Language Learning Platform for Children

Computer Skill

Python, Java, C/C++, SQL, Matlab, R

Linux, Unix, Aws, Docker, Kubernetes, Openstack

Publications

Tommaso Caselli, Ahmet Üstün. *"There and Back Again: Cross-Lingual Transfer Learning for Event Detection" Proceedings of the Sixth Italian Conference on Computational Linguistics, CLIC-it 2019* [pdf](pdf)

Ahmet Üstün, Gosse Bouma and Gertjan van Noord. *"Cross-Lingual Word Embeddings for Morphologically Rich Languages" Proceedings of the International Conference Recent Advances in Natural Language Processing, RANLP 2019* [pdf](pdf)

Ahmet Üstün, Rob van der Goot, Gosse Bouma and Gertjan van Noord. 2019. *"Multi-Team: A Multi-attention, Multi-decoder Approach to Morphological Analysis" 16th Workshop on Computational Research in Phonetics, Phonology, and Morphology, 2019, hosted by ACL 2019* [pdf](pdf)

Ahmet Üstün, Murathan Kurfalı, and Burcu Can. *"Characters or Morphemes: How to Represent Words?" 3nd Workshop on Representation Learning for NLP, hosted by ACL 2018* **(best paper award)** [pdf](pdf)

Murathan Kurfalı, Ahmet Üstün, and Bonnie Webber. *"TextLink Web Portal" Final Action Conference, TextLink 2018* [pdf](pdf)

Ahmet Üstün, *"Probabilistic Learning Of Turkish Morphosemantics By Latent Syntax" Master's Thesis, Cognitive Science, Middle East Technical University, Turkey* [pdf](pdf)

Murathan Kurfalı, Ahmet Üstün, and Burcu Can. *"A Trie-Structured Bayesian Model for Unsupervised Morphological Segmentation." In Proceedings of the 18th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing 2017)* [pdf](pdf)

Ahmet Üstün, and Burcu Can. *"Unsupervised Morphological Segmentation Using Neural Word Embeddings." International Conference on Statistical Language and Speech Processing. Springer International Publishing, 2016* [pdf](#)

Burcu Can, Ahmet Üstün, and Murathan Kurfalı. *"Turkish PoS Tagging by Reducing Sparsity with Morpheme Tags in Small Datasets." In Proceedings of the 17th International Conference on Intelligent Text Processing and Computational Linguistics (CICLing 2016)* [pdf](#)