Igor Tytyk

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Objective

Participation in Deep Learning Summer School in Montreal, June 26 – July 1, 2017

Experience

Researcher Engineer at Grammarly Inc.   **Jan 2017-Now**

- Developing context-sensitive spell checking
- Using deep learning methods for grammatical error correction

Computational Linguist / Researcher at Grammarly Inc.   **Dec 2012- Jan 2017**

- Building a classifier that distinguishes between valid and malformed/nonsensical sentences in English
- Employing machine learning methods in order to improve the sophistication of English language vocabulary enhancement

Junior IT engineer at Ericpol Telelcom   **Apr-Aug 2010**

- Supported and amended vast GSM-operating system

Education

University of Melbourne, AU   **2011-2012**

Master of Computer Science (Language Technology)

2nd year of LCT Master Program, *Erasmus Mundus*

University of Groningen, NL   **2010-2011**

Master of Arts (Research Master in Linguistics)

1st year of Master Program in Language and Communication Technologies, *Erasmus Mundus*

Lviv Polytechnic National University, UA   **2004-2010**

Bachelor of Arts in Philology (Honours), Master of Arts in Applied Linguistics (Honours)

Research Interests

- Machine Learning and Deep Learning Methods in NLP
- Automatic detection and correction of content errors in natural language
- Natural Language Processing
- Corpus Linguistics, Computational Phraseology, Distributed Semantics

Key Skills

Technical:

Python, Numpy, Lisp, Scikit Learn, Theano, Tensor Flow, Git, Corpus methods

Natural Languages:

English(fluent), Ukrainian(native), Russian(fluent), German, Polish and Dutch (basic)

Publications

Tytyk, I., Baldwin, T., 'Component-wise Annotation and Analysis of Informal Place Descriptions', *Proceedings of the International Workshop: Place-related Knowledge Acquisition*, Monastery Seeon, Germany, 31 August, 2012, pp. 7-12. URL: http://ceur-ws.org/Vol-881/paper3.pdf

Tytyk,I., Baldwin, T. 'Automatic Zoom Level Prediction for Informal Location Descriptions,' *Proceedings of the 4th International Workshop on Location and the Web*, ACM, New York, NY, USA, 2014, pp. 37-40. DOI=10.1145/2663713.2664427 URL: http://doi.acm.org/10.1145/2663713.2664427