

RNDr. Jana Straková, Ph.D.

Short CV

I work as a senior research assistant at the Institute of Formal and Applied Linguistics, Faculty of Mathematics and Physics, Charles University in Prague, Czech Republic. My main research interests are deep learning and natural language processing.

Work Address: ÚFAL MFF UK, Malostranské náměstí 25, Prague 1, 11800, Czech Republic

E-mail: strakova@ufal.mff.cuni.cz

Homepage: <http://ufal.mff.cuni.cz/~strakova>

Education:

- 2009 – 2017: graduated (Ph.D.) in Computer Science from Faculty of Mathematics and Physics, Charles University, Prague; with thesis “Neural Network Based Named Entity Recognition”,
- 2007 – 2009: graduated (master's degree) in Computer Science from Faculty of Mathematics, Charles University, Prague; and Physics with thesis “Syntax based Information Retrieval”,
- 2004 – 2007: graduated (bachelor's degree) in Computer Science from Faculty of Mathematics and Physics, Charles University, Prague; with thesis “Word Alignment using Minimum Weight Edge Cover”.

Work Experience:

- since 2009: research assistant at Institute of Formal and Applied Linguistics (ÚFAL), Faculty of Mathematics and Physics, Charles University in Prague,
- October – November 2010: internship at Institute of Cognitive Science, University of Colorado at Boulder, Boulder, USA,
- January – March 2010: internship at Max-Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany,
- July – September 2009: internship at Google London as software engineer intern, London, UK
- June – September 2008: internship at Google Zurich as software engineer intern, Zurich, Switzerland

Selected Bibliography:

- Straková Jana, Straka Milan and Hajič Jan: *[Neural Architectures for Nested NER through Linearization](#)*. In Proceedings of the 57th Annual Meeting of the Association for Computational Linguistics, pages 5326-5331, Florence, Italy, July 2019. Association for Computational Linguistics.
- Straková Jana, Straka Milan and Hajič Jan: *[Open-Source Tools for Morphology, Lemmatization, POS Tagging and Named Entity Recognition](#)*. In Proceedings of 52nd Annual Meeting of the Association for Computational Linguistics: System Demonstrations, pages 13-18, Baltimore, Maryland, June 2014. Association for Computational Linguistics.
- Kim Albert, Straková Jana: ***Concurrent effects of lexical status and letter-rotation during early stages of visual word recognition: evidence from ERPs***. In: Brain Research, Vol. 1468, Copyright © Elsevier, Amsterdam, Netherlands, ISSN 0006-8993, pp. 52-62, Aug 2012.
- Agirre Eneko, Alfonseca Enrique, Hall Keith Brendan, Kravalová Jana, Pasca Marius, Soroa Aitor: *[A Study on Similarity and Relatedness Using Distributional and WordNet-based Approaches](#)*. In: *Proceedings of NAACL-HLT 09*, Copyright © Association for Computational Linguistics, Boulder, CO, USA, ISBN 978-1-932432-41-1, pp. 19-27, 2009.

Projects:

- [UDPipe](#): an open-source lemmatization, POS tagging, morphological analysis and dependency parsing tool,
- [NameTag](#): an open-source NER tool.