

Kamel Nebhi

Research Assistant - PhD



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Born february 15, 1982 - Married

Permit G

I am a research assistant and PhD candidate in NLP (Natural Language Processing) at LATL-CUI of University of Geneva (Switzerland). During the year 2014, I have visited the Natural Language Processing Research Group of the University of Sheffield.

Research Interests

Natural Language Processing, Semantic Web, Information Extraction, NLP for Social Media, Language Resources and Tools.

Professional Experiences

- 10/2009 - 09/2015 **Research Assistant in NLP, LATL-CUI, University of Geneva, Switzerland.**
 - Conduct research on Named Entity Linking and Relation Extraction
 - Collaborated on evaluation campaigns such as WMT
 - Teaching for several courses and supervision of student's projects
- 02/2014 - 02/2015 **PhD Visitor, NLP Research Group, University of Sheffield, UK.**
 - Supervisor: Dr Kalina Bontcheva
 - Research on improvement of NLP tasks on social media such as Twitter
 - Development of processing resources using GATE JAVA API
- 01/2009 - 10/2009 **Engineer in Computational Linguistic, CNRS-ATILF Nancy, France.**
 - Constitution and standardization of resources for the European project Clarin
 - Development of a Web interface for the management of speech corpus
 - cnrtl.fr/corpus/estrepublikain/

Formation

- 10/2009 - 10/2015 **PhD in Natural Language Processing, University of Geneva, Switzerland.**
 - Supervisor: Professor Eric Wehrli
 - Subject: *Information Extraction for the Semantic Web*
- 09/2010 **Certificate of specialisation in Linguistics, University of Geneva, Switzerland.**
 - Supervisor: Luka Nerima
 - Subject: *Web Services for NLP*
- 09/2008 **Master's Degree in Natural Language Processing, University Paris 13, France.**
 - With Honours
- 06/2006 **Bachelor's Degree in Linguistics, University Paris 7, France.**

Teaching Experience

- 02/2015 - 06/2015 **Information Communication Technology (ICT) (Supervision of Master's Projects)**, *University of Geneva, Switzerland.*
- 10/2013 - 02/2014 **Data Structures and Algorithms (Laboratory sessions)**, *University of Geneva, Switzerland.*
- 10/2009 - 02/2014 **Web Development (Laboratory sessions)**, *University of Geneva, Switzerland.*
- 10/2009 - 02/2014 **Algorithmics and Programming (Laboratory sessions)**, *University of Geneva, Switzerland.*

Informatics Skills

Languages	Perl, Python, Java, PHP, SQL
Web	HTML5, CSS3, Javascript, JQuery, JSON
CMS	Concrete5, WordPress
Semantic Web	RDF, RDFS, OWL, SPARQL
Text Structuring	XML, TEI, XSLT, ODD, RNG
Linguistics Tools	GATE, NLTK, SRILM, Moses
Big Data	Hadoop, Hive, Tableau
OS	Linux, Microsoft, Mac OS, Commandes Unix/Dos
Web Services	ReST
Version control	Git, SVN

Languages

- English: fluent.
- French: fluent (mother tongue).

References

- Professor Eric Wehrli: University of Geneva, Switzerland.
E-mail: eric.wehrli@unige.ch
- Professeur Guy Lapalme: University of Montreal, Canada.
E-mail: lapalme@iro.umontreal.ca
- Dr. Kalina Bontcheva: Research associate, University of Sheffield, UK.
E-mail: k.bontcheva@dcs.shef.ac.uk

Publications

- [1] Nebhi, K., Bontcheva, K., Gorrell, G.: ResToRinG CaPitaLiZaTion in #TweeTs. In: *Proceedings of the 24th International World Wide Web Conference (WWW 2015) SocialNLP Workshop*, Florence, Italia, May 18-22, 2015.
- [2] Nebhi, K.: Named Entity Disambiguation using Freebase and Syntactic Parsing. In: *Proceedings of the 12th International Semantic Web Conference (ISWC 2013) LD4IE Workshop*, Sydney, Australia, October 21-25, 2013.
- [3] Nebhi, K.: A Rule-Based Relation Extraction System using DBpedia and Syntactic Parsing. In: *Proceedings of the 12th International Semantic Web Conference (ISWC 2013) NLP-DBpedia Workshop*, Sydney, Australia, October 21-25, 2013.
- [4] Nebhi, K.: Extraction de relations basées sur une Ontologie pour le Web Sémantique. In: *Proceedings of the 19th International Congress of Linguists (ICL 2013)*, Geneva, Switzerland, July 21-27, 2013.
- [5] Nebhi, K., Nerima, L. and E. Wehrli.: NERITS – A machine translation mashup system using Wikimeta and Linked Open Data. In: *Proceedings of the AI Mashup Challenge, 10th Extended Semantic Web Conference (ESWC 2013)*, Montpellier, France, May 26-30, 2013.
- [6] Nebhi, K.: Ontology-Based Information Extraction from Twitter. In: *Proceedings of the COLING 2012 Workshop on Information Extraction and Entity Analytics on Social Media Data*, Mumbai, India, December 8-15, 2012.
- [7] Nebhi, K.: Ontology-Based Information Extraction for French Newspaper Articles. In: *Proceedings of the KI 2012 35th German Conference on Artificial Intelligence*, Saarbrücken, Germany, September 24-27, 2012.
- [8] Nebhi, K.: Extraction d'information basée sur une ontologie pour les besoins du Web Sémantique. In: *Proceedings of the 23èmes journées francophones d'ingénierie des connaissances*, Paris, France, June 25-29, 2012.
- [9] Nebhi, K., Nerima, L. and E. Wehrli.: A ReSTful Web Service for Accessing a Multilingual and Multi-format Syntactic Parser. In: *Proceedings of the 4ème édition du colloque Infol@ngues: NTICS, Langues et Humanités : Réalités et Perspectives*, Béja, Tunisie, April 5-7, 2012.
- [10] Nebhi, K.: A ReSTful Web Service for Multilingual LRT. In: *Proceedings of the 3rd International Conference on the Future of Information Sciences (INFuture): Information Sciences and e-Society*, Zagreb, Croatia, November 6-8, 2011.
- [11] Goldman, J.P., Laenzlinger, C. and K. Nebhi.: FipsColor : grammaire en couleur interactive pour l'apprentissage du français. In: *Actes de TALN 2010*, Montréal, Canada, July 19-23, 2010.

Presentations

- [12] Nebhi, K.: Annotation automatique de documents pour les besoins du Web sémantique : une approche linguistique. In: *Journée AFIA-ATALA – Inalco*, Paris, France, March 12, 2012.