

Alexander Pak

Mailing address:
52 rue du Faubourg Poissonniere
Paris 75010, France

Phone: (+33) 0670655238
Email: alexpak@limsi.fr
irokez@gmail.com

Research interests: sentiment analysis, opinion mining, information retrieval, natural language processing

Personal

Birthday: July 10, 1986.

Nationality: Uzbekistan

Education

2009 – 2012 (expected)
Ph.D. Computer Science

University Paris-Sud 11
LIMSI-CNRS lab, supervisor: Patrick Paroubek
Thesis: “Adaptive Opinion Mining”, project DOXA
Orsay, France

2007 – 2009
M.S. Computer Science

Korea Advanced Institute of Science and Technology
Information Systems lab, supervisor: Prof. Chung, Chin-Wan
Thesis: “An Effective Contextual Advertising using Wikipedia Matching”
Taejon, Republic of Korea

2003 – 2007
B.S. Computer Science

Tashkent University of Information Technologies
Tashkent, Uzbekistan

Summer schools

First European Business Intelligence Summer School (eBISS 2011)

European Summer School in Logic, Language and Information (ESSLLI 2010)

Publications

International Journals

Alexander Pak, Delphine Bernhard, Patrick Paroubek, Cyril Grouin, “A Combined Approach to Emotion Detection in Suicide Notes” to appear in *Biomedical Informatics Insights*

Alexander Pak, Chin-Wan Chung, “A Wikipedia Matching Approach to Contextual Advertising” *World Wide Web*, 2009. Volume 13, Number 3, 251–274, DOI: 10.1007/s11280-010-0084-2.

Domestic Journals

Alexander Pak, Patrick Paroubek, "Le microblogage pour la microanalyse des sentiments et des opinions" *Traitement Automatique des Langues*, 2010, vol. 51.3 (pp 75–100).
English title: "Micro blogging for micro sentiment analysis"

International conferences

Alexander Pak, Patrick Paroubek, "Normalization of Term Weights for Sentiment Analysis" to appear at LTC 2011

Alexander Pak, Patrick Paroubek, "Twitter as a Corpus for Sentiment Analysis and Opinion Mining", *LREC 2010. Seventh International Conference on Language Resources and Evaluation*, Valetta, Malta: 2010. -6p

Patrick Paroubek, Alexander Pak, Djamel Mostefa, "Annotations for opinion mining evaluation in the industrial context of the DOXA project", *LREC 2010. Seventh International Conference on Language Resources and Evaluation*, Valetta, Malta: 2010. -6p

Alexander Pak, "Using Wikipedia to Improve Precision of Contextual Advertising", *LTC 2009. Lecture Notes in Computer Science*, 2011, Volume 6562/2011, 533-543, DOI: 10.1007/978-3-642-20095-3_49
Best Student Paper award

Domestic conferences

Alexander Pak, Patrick Paroubek, "Sentiment Polarity Classification using Dependency Tree Subgraphs Text Representation" *TALN 2011. 18ème Conférence sur le Traitement Automatique des Langues Naturelles*, Montpellier, France: 2011. -6p

Alexander Pak, Patrick Paroubek, "Constructing French Affective Lexicon using Twitter", *TALN 2010. 17ème Conférence sur le Traitement Automatique des Langues Naturelles*, Montréal, Canada : 2010. - 6p

International workshops

Alexander Pak, Delphine Bernhard, Patrick Paroubek, Cyril Grouin, "Emotion Detection in Clinical Reports. The LIMSI participation in the i2b2 2011/VA Challenge" to appear at I2B2, AMIA 2011

Alexander Pak, Patrick Paroubek, "Twitter for Sentiment Analysis: When Language Resources are Not Available," *DEXA, 2011 22nd International Workshop on Database and Expert Systems Applications*, Toulouse, France: pp.111–115

Alexander Pak, Patrick Paroubek. 2010. "Twitter Based System: Using Twitter for Disambiguating Sentiment Ambiguous Adjectives". In *Proceedings of the 5th International Workshop on Semantic Evaluation (SemEval '10)*. Association for Computational Linguistics, Uppsala, Sweden: 436–439

Alexander Pak, Patrick Paroubek, "Text Representation using Dependency Tree Subgraphs for Sentiment Analysis", *DASFAA 2011. The 16th International Conference on Database Systems for Advanced Applications*. In *proceedings of Database Systems for Advanced Applications*, Xu J., Yu G., Zhou S., Unland R., Lecture Notes in Computer Science vol 6637, Hong Kong, China: 2011. 323–332

Talks

Alexander Pak, "Adaptive Sentiment Analysis" at Clunch 2011, University of Pennsylvania, Philadelphia, PA, USA.

Employment

May 2007 – Aug 2007 full time	Center of Economic Research United Nations Development Programme Project (UNDP) IT coordinator
Mar 2006 – May 2007 contract work	Center of Economic Research United Nations Development Programme Project (UNDP) Software developer
Dec 2005 – Mar 2006 part-time	Erava Group LLC Project manager
Jun 2004 – Dec 2005 part-time	Erava Group LLC Software developer

Awards and Honors

Best Student Paper award at LTC'09 in Poznan, Poland for paper "Using Wikipedia to Improve Precision of Contextual Advertising"

Excellence Thesis Award at Korea Advanced Institute of Science and Technology

First place in Ericsson open student contest for best business idea of SIP application 2006

Participation in Google Summer of Code 2006 program

Personal projects

Pyrus: NLP toolkit for Russian in Python3: <https://github.com/irokez/Pyrus>

42goals: a simple tool for tracking daily goals: <http://42goals.com>
(finalist at Mini Seedcamp Weekend in Berlin 2010)

Worktrek: online productivity calendar and planning: <http://worktrek.com>

Irokez CMS: opensource content management system: <http://irokez.org>

Technical expertise

Programming languages: JavaScript, PHP, Python, C++, R, Perl, Pascal, Java

Database management systems: MySQL, PostgreSQL, SQLite

Markup languages: HTML, XML, LaTeX

Operating systems: MS Windows, Linux Debian, Ubuntu

Spoken languages

Russian: native

English: fluent (TOEFL iBT score, taken in 2007: 105/110)

French: intermediate

German, Korean, Chinese: beginner