

MARTIN SAVESKI

CONTACT INFORMATION

Sava Kovachevikj 25-6,
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Republic of Macedonia.

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RESEARCH AREAS

Machine Learning, Natural Language Processing, Artificial Intelligence.

EDUCATION

M.Sc. in Data Mining and Knowledge Management, with Honours 10/2011 - 08/2013

Year 1: *Université Pierre et Marie Curie*, Paris, France.

Year 2: *Universitat Politècnica de Catalunya*, Barcelona, Spain.

Dissertation: “Cold-start Recommendations – A Non-negative Matrix Factorization Approach”.

Advisors: Amin Mantrach, Daniele Quercia, Ricard Gavaldà.

B.Sc. in Computer Science, First Class Honours

10/2007 - 06/2010

Staffordshire University, Staffordshire, UK.

Dissertation: “Development of a Wordnet Prototype for the Macedonian Language”.

Advisors: Igor Trajkovski, Vladimir Radevski.

WORK EXPERIENCE

Research Assistant, Internship

02/2013 - 09/2013

Yahoo! Labs, Barcelona, Spain.

Social Media Engagement Research Group.

- *Developed models for cold-start recommendations of Yahoo! News articles,*
- *Analyzed the geography of user engagement—whether specific interests are linked to specific locations.*

Research Assistant, Internship

06/2012 - 08/2012

LIP6 – Computer Science Lab of *Université Pierre et Marie Curie*, Paris, France.

Machine Learning and Information Retrieval Research Team (MALIRE).

- *Developed a method for combining generative and discriminative models for semi-supervised learning.*

Research Assistant

01/2011 - 10/2011

Institute Jožef Stefan, Ljubljana, Slovenia.

Department of Knowledge Technologies.

- *Developed a system for sentiment analysis of financial Twitter posts,*
- *The system included an Active Learning module used to overcome the lack of labelled tweets.*

Teaching Assistant

09/2010 - 01/2011

European University, Skopje, Macedonia.

Faculty of Informatics.

- *Taught an undergraduate one-semester course: “Network Operating Systems”,*
- *Gave tutorials once per week to 40 students.*

Research and Development Engineer

06/2010 - 09/2010

Time.mk Ltd., Skopje, Macedonia.

News aggregator, most visited website in Macedonia for 2011 and 2012.

- *Developed a system for automated news tracking and analytics.*

Software Engineer, Internship

07/2009 - 10/2009

Netcetera Inc., Skopje, Macedonia.

- *Developed an iPhone web application for employee time tracking.*

ONLINE COURSES

Writing in the Sciences, Stanford University.
Learning From Data, Caltech.

PUBLICATIONS	<ul style="list-style-type: none"> ◦ M. Saveski, A. Mantrach (2013). Item Cold-Start Recommendations: A Non-negative Matrix Factorization Approach. [Under review, draft available upon request]. ◦ Y. Soullard, M. Saveski, T. Artières (2013). Joint semi-supervised Learning of Hidden Conditional Random Fields and Hidden Markov Models. <i>Pattern Recognition Letters</i>. ◦ M. Saveski, M. Grčar (2011). Web Services for Stream Mining: A Stream-Based Active Learning Use Case. In Proceedings of <i>ECML PKDD 2011, Workshop on Planning to Learn and Service-Oriented Knowledge Discovery</i>. Athens, 8th of September 2011. ◦ M. Saveski, I. Trajkovski (2010). Automatic Construction of Wordnets by Using Machine Translation and Language Modeling. In Proceedings of <i>Seventh Language Technologies Conference</i>. Ljubljana, 15th October 2010. ◦ M. Saveski, I. Trajkovski (2010). Development of an English-Macedonian Machine Readable Dictionary by Using Parallel Corpora. In Proceedings of <i>ICT Innovations Conference</i>. Ohrid, 13th September 2010. ◦ M. Saveski, I. Trajkovski, J. Pehchevski (2009). Classification of Macedonian News Articles. In <i>Conference on Information Technologies for Young Researchers</i>. Skopje, 1st October 2009.
REVIEWING ACTIVITIES	ACM RecSys 2013 (via Daniele Quercia).
LANGUAGES	Macedonian (Native speaker), English (Fluent), Spanish, Italian, Slovene (Basic), Serbian, Croatian, Bulgarian (Working knowledge).
COMPUTER SKILLS	Programming Languages: Python, R, MATLAB, Java, C++. Markup Languages: L ^A T _E X, XML, HTML, CSS. Operating Systems: Unix/Linux and Windows.
SCHOLARSHIPS	<ul style="list-style-type: none"> ◦ E.U. master degree scholarship, selection rate: 20 out of ~3000 applicants, 24000€/year. (2011-2013) ◦ Macedonian government scholarship for talented students with advanced results and activities, selection rate: 20 students/year. (2008-2010)
REFERENCES	<p>Daniele Quercia, PhD, <i>Senior Researcher</i>. Web Mining research group, Yahoo! Labs, Barcelona, Spain. ✉ dquercia@yahoo-inc.com · 🌐 http://www.researchswinger.org/ · ☎ +34 9 31 83 88 26</p> <p>Thierry Artières, PhD, <i>Associate Professor and Senior Researcher</i>. Computer Science Lab (LIP6), Université Pierre et Marie Curie (UPMC), Paris, France. ✉ thierry.artieres@lip6.fr · 🌐 http://www-connex.lip6.fr/~artieres/ · ☎ +33 1 44 27 72 20</p> <p>Nada Lavrač, PhD, <i>Head of Department</i>. Department of Knowledge Technologies, Institute Jožef Stefan, Ljubljana, Slovenia. ✉ nada.lavrac@ijs.si · 🌐 http://kt.ijs.si/mem/nada_lavrac · ☎ +386 1 477 3272</p> <p>Igor Trajkovski, PhD, <i>Assistant Professor</i>. Faculty of Computer Science, Ss. Cyril and Methodius University, Skopje, Macedonia. ✉ itrajkovski@feit.ukim.edu.mk · 🌐 http://www.time.mk/trajkovski/ · ☎ +389 70 30 55 83</p>