OANA ȚIFREA-MARCIUSKA

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EDUCATION

DEGREE	**DPhil in Computer Science**	Oct 2012 — Mar 2016
UNIVERSITY	**University of Oxford**	Oxford, UK
	I develop new techniques to create search for the Social Semantic web that combine preferences of user/users and semantic information.	
WEBSITE	`http://www.cs.ox.ac.uk/projects/PSSW/index.html`	

DEGREE	**Master of Science in Computer Science**	Oct 2008 — Oct 2010
PROGRAM	**European Master in Computational Logic**	
GRADE	**110/110 cum laude (highest grade)**	
UNIVERSITY	**Technical University Vienna**	Vienna, Austria
	Free University of Bolzano	Bolzano, Italy

PROGRAM	**Erasmus student**	Oct 2005 — Sept 2008
UNIVERSITY	**Science and Technology**	Lille, France

DEGREE	**Bachelor of Computer Science**	Oct 2005 — Sept 2008
GRADE	**9.75/10**	
UNIVERSITY	**Alexandru Ioan Cuza University**	Iasi, Romania

WORK EXPERIENCE

EMPLOYER	**Terence project, Free University of Bolzano**	Bolzano, Italy
JOB TITLE	**Research Collaborator**	Jul 2010 — Sept 2012
	Conducted reserach and development of a system that automatically generates games for children with reading comprehension problems. The system, implemented in **Java** receives as input an annotated story and it generates multiple choices questions and answers related with the story.	
WEBSITE	`http://www.terenceproject.eu/web/guest`	
EMPLOYER	**Free University of Bolzano**	Bolzano, Italy
JOB TITLE	**Software Developer**	Jul 2010 — Sept 2012
	Designed, implemented and tested a portal for professors in **C# Asp.Net MVC** - that automatically generates reports for teaching, supervision and research. Responsible for full life cycle development, reqirements gathering and sole point of contact for production support. Self taught and upskilled on "Microsoft Security Development Lifecycle", in order to lead 5 seminars to more than 30 members of the IT team.	
EMPLOYER	**National ICT Australia Ltd (NICTA**	Sydeny, Australia
JOB TITLE	**Research Visitor (Internship)**	Sept 2009 — Dec 2009
	Conducted reserach to optimimise the job shop scheduling problem by detecting symmetries. Created and implemented a tool using **C++** to generate a faster solution.	

HONOURS AND AWARDS

NAME	**Grace Hopper Conference grant**	2014
	One out of 7 women chosen in the **Google Global AB Committee**	
NAME	**Google European Doctoral Fellowship**	2012
	Awarded to pursue my Phd - one of the 39 PhD students from all around the globe for promising young academics (covers all expenses of the Phd).	

NAME	**Best thesis award**	2010

Best thesis from 40 students of Free University of Bolzano awared after pitching to industry and academia around Bolzano.

NAME	**Google Anita Scholarship Recipient**	2010

One of 33 women awared €**7000** based on the strength of the academic background, passion for increasing the involvement of women in computer science, and demonstrated leadership

NAME	**Google Anita Scholarship Finalist**	2009

One in 35 finalists of Google Anita Scholarship.

NAME	**Tuition fees waiver**	2008—2010

A €**6000 EU** grant for good grades

NAME	**Excellent Student's Scholarship**	2009

An €**5000** grant awared by Province of Bolzano, Italy for excelent results.

SKILLS

Comp Languages	Java,C#, Java Script (JQuery)
Databases	MySQL, PostgreSQL, Microsoft SQL, XML
Tools	Eclipse, Visual Studio
Language	Romanian (native), English (advanced), French (intermediate), Italian (beginer), German (beginer), Spanish (beginer).

INTITIATIVES

VOLUNTEERING **Co-founder of the Oxford Women in Computer Science Society** (OxWoCS) - that aims to support and promote women in Computer Science. Held roles of event manager, vice-president, industry-events coordinator.

Starting from 2014 I am in the **planning comitte of the Anita Borg Scholarship Alumni Community**. The 7 Anita Borg b-day events I supported had more than 500 participants from 3 different countries (UK, Romania, Moldova). I spend about 5 hours per month for one year partnering with Google to build and guide the direction of the community -that aims to support women in Computer Science.

I am **teaching assistant for Code First: Girls**, offering 6X2 hours classes per week on HTML, CSS and Javascript to 25 girls from the University of Oxford, that never coded.

LEADERSHIP Initiated a more closer collaboration between Oxford University and companies like Google and Facebook as industry-events coordinator of OxWoCS. We co-organised talks, visits to Oxford and to the company's headquarters in London.

TALKS Organized a 20 minutes talk for 80 high school girls on what I am doing for my PhD. Prepared a workshop about the Anita Borg Scholarship.

PUBLICATIONS

BOOK CHAPTERS

BC1 Ontological CP–Nets Tommaso Di Noia, Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Uncertainty Reasoning for the Semantic Web III, International Workshops URSW 2011–2013, Held at ISWC, Revised Selected Papers. Springer. 2014.

JOURNALS

J1   Ontology–Based Query Answering with Group Preferences Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In ACM Transactions on Internet Technology (TOIT). 2014.

J2   Preference–Based Query Answering in Probabilistic Datalog+/– Ontologies Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Journal on Data Semantics. Pages 1–21. 2014.

J3   Symmetry–breaking answer set solving Christian Drescher, Oana Tifrea and Toby Walsh In AI Communications. Vol. 24. No. 2. Pages 177–194. 2011.

CONFERENCES

CP1   Combining Existential Rules with the Power of CP-Theories Tommaso Di Noia, Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I Simari and Oana Tifrea–Marciuska In Proceedings of the IJCAI 2015, Buenos Aires, Argentina, July 2015.

CP2   Improving Personalized Search on the Social Web Based on Similarities Between Users Zhenghua Xu, Thomas Lukasiewicz and Oana Tifrea–Marciuska In Proceedings of the 8th International Conference on Scalable Uncertainty Management, SUM 2014, Oxford, UK, September 15–17, 2014. Vol. 8720 of Lecture Notes in Computer Science. Pages 306–319. Springer. 2014.

CP3   Query Answering in Probabilistic Datalog+/– Ontologies under Group Preferences Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Proceedings of the 2013 IEEE/WIC/ACM International Conferences on Web Intelligence, WI 2013, Atlanta, GA, USA, November 17–20, 2013. Pages 171–178. IEEE Computer Society. 2013.

CP4   Group Preferences for Query Answering in Datalog+/– Ontologies Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Proceedings of the 7th International Conference on Scalable Uncertainty Management, SUM 2013, Washington DC, USA, September 16–18, 2013. Vol. 8078 of Lecture Notes in Computer Science. Pages 360–373. Springer. 2013.

TECHNICAL REPORTS

TR1   Computing k–Rank Answers with Ontological CP–Nets Tommaso Di Noia, Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska No. RR–14–03. DCS. 2014.

TR2   Ontology–Based Query Answering with Group Preferences Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska No. RR–14–02. DCS. May, 2014.

WORKSHOPS

WP1   Personalised Search of the Social Semantic Web Oana Tifrea–Marciuska In Proceedings of the VLDB Phd Workshop, Hawaii, USA, September. 2015.

W2   Computing k–Rank Answers with Ontological CP–Nets Tommaso Di Noia, Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Proceedings of the 22nd Italian Symposium on Advanced Database Systems, SEBD 2014, Sorrento Coast, Italy, June 16–18, 2014. 2014.

WP3   Computing k–Rank Answers with Ontological CP–Nets Tommaso Di Noia, Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Proceedings of the 1st Workshop on Logics for Reasoning about Preferences, Uncertainty, and Vagueness, PRUV 2014, Vienna, Austria, July 23–24, 2014. Vol. 1205 of CEUR Workshop Proceedings. Pages 74–87. CEUR–WS.org. 2014.

WP4   Query Answering in Datalog+/– Ontologies under Group Preferences and Probabilistic Uncertainty Thomas Lukasiewicz, Maria Vanina Martinez, Gerardo I. Simari and Oana Tifrea–Marciuska In Proceedings of the 2nd International Workshop on Data Management in the Social Semantic Web, DMSSW 2013, Aalborg, Denmark, July 8, 2013. Vol. 8295 of Lecture Notes in Computer Science. Pages 192–206. Springer. 2013.

WP4   The user and domain models of the TERENCE adaptive learning system Mohammad Alrifai, Rosella Gennari, Oana Tifrea and Pierpaolo Vittorini In International Workshop on Evidence–Based Technology Enhanced Learning. Pages 83–90. Springer Berlin Heidelberg. 2012.

THESIS

TH1   The Domain Model of an Adaptive Learning System for Poor Comprehenders Oana Tifrea Master's Thesis 2010.

TH2   Recunoasterea umorului in texte (Humor Recognition – in romanian) Oana Tifrea Bachelor' Thesis 2008

REFERENCES

On request.