

PERSONAL INFORMATION

Nikola Obreshkov



 Bulgarian Academy of Sciences, 67 "Shipchenski prohod" str., 1574 Sofia, Bulgaria

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Sex Male | Date of birth | Nationality Bulgarian

WORK EXPERIENCE

2010 – present

Senior software engineer

Institute of Metal Science, Equipment and Technologies "Acad. A. Balevsci" with Haydroaerodinamics centre, Bulgarian Academy of Sciences

- Development of command centre software

Business or sector Applied Science

2008 – 2009

Part-time Lecturer in Mathematics and Informatics

Department for Language Teaching and International Students, Sofia University "St. Kliment Ohridski"

Business or sector Education

2005 – 2007

Software engineer

Department of Computational Linguistics, Bulgarian Academy of Sciences

- Development of concordance and text analysis software

Business or sector Applied Science

2001 – 2002

System administrator

Faculty of Mathematics and Informatics, Sofia University "St. Kliment Ohridski"

Business or sector Education

EDUCATION AND TRAINING

2006 – 2009

PhD Student, Computational Linguistics

Level 8

Department of Computational Linguistics, Bulgarian Academy of Sciences

2005 – 2006

M.A., Education in Mathematics and Informatics

Level 7

Mathematics and Informatics, Sofia University "St. Kliment Ohridski", Bulgaria

2000 – 2004

B.A., Applied Mathematics

Level 6

Faculty of Mathematics and Informatics, Sofia University "St. Kliment Ohridski"

PERSONAL SKILLS

Mother tongue(s) **Bulgarian**

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience as part-time lecturer at the Department for Language Teaching and International Students

Job-related skills

- Command and Communication Software, GIS, CMS;
- Semantic Web, Computational Semantics, Automatic Question Answering, Mathematical Modelling.

Computer skills Computational Semantics, Automatic Question Answering, Mathematical Logic,

- OOP, Design Patterns, Algorithms, Java, C/C++, Perl, PHP, JavaScript;
- RDF/ RDFS, SPARQL, OWL.

ADDITIONAL INFORMATION

Publications

1. Stiliyan Georgiev, Hristo Kolev, **Nikola Obreshkov**. Wireless module for mounting and local adjustment of sensor system. Пета национална конференция с международно участие: Металознание, Хидро- и аеродинамика, Национална сигурност '2015.
2. Stiliyan Georgiev, Hristo Kolev, **Nikola Obreshkov**, Emilian Lalev, Vladimir Venkov, Permanent test polygon for sensors testing and demonstration of a sensor system. Пета национална конференция с международно участие: Металознание, Хидро- и аеродинамика, Национална сигурност '2015.
3. Обрешков, Н., Тодоров, С., Бижев, Ю., Лалев, Е., (2013) Софтуер за управление и комуникация към локален команден център. Третата НКМУ "Металознание, хидро- и аеродинамика, национална сигурност '2013"
4. Обрешков, Н., Бижев, Ю., Лалев, Е., Тодоров, С. (2013) Интернет приложение за наблюдение на параметри в обкръжаващата среда. Международна конференция Дефектоскопия'13".
5. Георгиев С. Колев Х. Обрешков Н. Лалев Е. (2013). Система за сигурност в домовете на бъдещето. „Сборник материали - HOME/2010/CIPS/AG/019“, Част втора, ISBN 978-954-92552-7-0.
6. Obreshkov, N., Todorov, S., Lalev, E., Bijev, Y. (2012). A Multi-Purpose Intelligent System Based on Wireless Sensor Networks. Международна конференция Дефектоскопия'12".
7. Obreshkov, N., Todorov, S., Lalev, E., Bijev, Y. (2012). Automated Question Answering using an RDF Knowledge Base. Международна конференция Дефектоскопия'12".
8. Obreshkov, N. Towards Combining Rule-based and Statistical Question Classification. In :Balgarski ezik, 1/2010, pp. 97—104.

Projects

9. Todorova, M., N. Obreshkov. Compilation of Inflectional Dictionaries Using WordEditor, In: Proceedings of the Sixth International Conference Formal Approaches to South Slavic and Balkan Languages (FASSBL-6), 25 – 28 September 2008, Dubrovnik, Croatia, pp. 131—137.
10. Tinchev, T., S. Koeva, B. Rizov, N. Obreshkov. A System for Linguistic Applications. In: Literaturata. Pisaneto v Internet. Sofia University Press "St. Kliment Ohridski", 2008, Sofia, Bulgaria, pp. 99—116.

HOME/2010/CIPS/AG/019 The Prevention, Preparedness and Consequence Management of Terrorism and other Security-related Risks (CIPS). Theme: „Development of tools needed to coordinate inter-sectoral power and transport cip activities at a situation of multilateral terrorist threat. Increase of the capacity of key cip objects in Bulgaria“, 2010 – 2013

BulNet - A lexical-semantic network of Bulgarian - The main objective of the BulNet project is the enlargement of the Bulgarian electronic lexical-semantic network which was developed within the European project BalkaNet - a Multilingual Semantic Network of the Balkan Languages

RILA - Automatic information extraction based on semantic relations - aimed at the automatic information extraction based on preliminary encoded semantic relations such as “synonymy” and “hyperonymy”.