

ALEKSANDAR KARTELJ

<u>General</u>	
Date and place of birth	10.11.1986, Novi Knezevac (SRB)
City	Belgrade (SRB)
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<u>Education</u>	
2005-2008	Faculty of Mathematics, Univ. Belgrade, B.Sc. in Computer Science (GPA 9.94/10.00)
2008-2010	Faculty of Mathematics, Univ. Belgrade, M.Sc. in Computer Science (GPA 9.92/10.00)
2010-2014	Faculty of Mathematics, Univ. Belgrade, PhD in Computer Science (GPA 10.00/10.00)
2010-	Faculty of Economics, Univ. Belgrade, M.Sc. in Quantitative Finance
<u>Job positions</u>	
2008-	Faculty of Mathematics, Univ. Belgrade, Teaching assistant
2011-	Ministry of Science, Technology and Development, Research assistant at project "Mathematical Models and Optimization Methods for Large-Scale Systems"
2014-	Mathematical Grammar School, Computer Science Teacher
<u>Software</u>	
2014	Učenje na daljinu DOO, Distance learning portal: http://www.ucenjenadaljinu.com
2013	CeSID*, Statistical Processing and Analysis Software (SPAS), statistical software package similar to SPSS
2012	Direct Media agency and CeSID*, "Media Mix Optimizer" software package
2012	Blic news portal and CeSID*, "Pre-elective compass" online application
2012	CeSID*, Software for monitoring and analysis of Serbian 2012 Elections
2009-2010	Ministry of Human and Minorities rights and CeSID*, Software for technical and logistic support for organizing elections for National counsels of national minorities
2008-2009	CeSID*, Centralized database with information about local government authorities
2008-2010	Municipality of Bar (Montenegro), "Elektronska opština", E-government software
2007, 2008	CeSID*, Software for monitoring and analysis of Serbian 2007 and 2008 Elections
2007	CeSID*, "RECO", software for automated recognition and analysis of paper inquiries
<u>Research papers</u>	
2010 (journal)	"Classification of Smoking Cessation Status Using Various Data Mining Methods", Kartelj, A. <i>Mathematica Balkanica</i> , Vol. 24, 2010, Fasc.3-4, pp 199 - 205. M53
2011 (proceedings)	"Electromagnetism metaheuristic for probabilistic satisfiability problem", Fijuljanin, J., Kartelj, A., Kojić, J., <i>Probabilistic logics and applications</i> , Sept. 29-30, 2011, Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade, Serbia. M64
2012 (journal)	"Electromagnetism Metaheuristic Algorithm for Solving The Strong Minimum Energy Topology Problem", Kartelj, A. <i>Yugoslav Journal of Operations Research</i> , Vol. 22, 2012. M51
2012 (proceedings)	"Novel Approaches to Automated Personality Classification: Ideas and Their Potentials", Kartelj, A., Filipovic, V., Milutinovic, V. <i>MIPRO 2012, Proceedings of the 35th International Convention</i> , 2012, pp 1017-1022. M33
2012 (proceedings)	"Automated Personality Classification", Kartelj, A., Filipovic, V., Milutinovic, V. <i>YUINFO 2012, Proceedings of 18th Conference on Information and Communication Technologies</i> , 2012, pp 658-663. M63
2013 (journal)	"An electromagnetism metaheuristic for solving the Maximum Betweenness Problem", Filipovic, V., Kartelj, A., Matic, D., <i>Applied Soft Computing</i> , Vol. 13, 2013, pp. 1303-1313. M21 IF2013 .
2013 (journal)	"Electromagnetism-like Algorithm for Support Vector Machine Parameter Tuning", Kartelj, A., Mitić, N., Filipović V., Tošić, D., <i>Soft Computing</i> , Springer, 2013. M22 IF2013 .
2014 (journal)	"Case-based Reasoning and Electromagnetism-like Algorithm in Construction Management", Kartelj, A., Šurlan, N., Cekić, Z., <i>Kybernetes, Emerald</i> , Vol. 42, Iss. 2, 2014. M23 IF2013 .
2014 (journal)	"An improved electromagnetism-like method for feature selection", Kartelj, A., <i>Journal of Multiple-Valued Logic and Soft Computing</i> , 2014, (accepted for publication). M23 IF2013 .
<u>Other</u>	
Research interests	Metaheuristic optimization, Data mining, Algorithmic game theory, Financial modelling
Sports	Basketball, football and tennis
Awards	Best teaching assistant at Faculty of Mathematics for year 2010 3 rd Prize at Microsoft Imagine Cup, Serbia 2009