

Personal data

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Professional Experience

Occupation or position held	Data Scientist/BI team lead
Name of the employer	Rovicom Solutions, Belgrade, Serbia
Dates	2013 Oct – Present
Main activities and responsibilities	Development of BI team and infrastructure, defining data sources, tracking mechanisms, KPIs, ensuring data quality, reporting platform implementation and reporting, utilization of data in order to improve business decisions, managing team members, recruiting new members, predictive analytics.
Greatest achievements	Creation of User Life-Time predictions which estimate user's behavior in the future. Development and implementation of Data Warehouse where all data is structured, unified and well organized. Implementation of Hadoop, Tableau server, tracking mechanism for user's behavior on the web/in the software, SMS and email reporting systems...
Website	www.rovicom.net
Occupation or position held	Data Analyst/Machine Learning Professional
Name of the employer	Mozzart Bet, Belgrade, Serbia
Dates	2012 Aug – 2013 Oct
Main activities and responsibilities	Data analysis in order to adopt better business decisions and processes. Specifically focused on the application of advanced mathematical methods (Machine Learning, Data Mining).
Greatest achievements	<ul style="list-style-type: none">- Developed and implemented system for clusterization of large amounts of data in real-time in order to detect frauds using MongoDB and Python.- Developed an algorithm for decision making which was evaluating bet risks.- Created prediction matrices for Soccer games.
Website	http://www.mozzartbet.com/en/home
Occupation or position held	Teacher of Electrical Engineering
Name of the employer	High School "Nikola Tesla", Teslić, BiH
Dates	2009 Sept – 2010 Sept
Main activities and responsibilities	Lecture seven different subjects in the field of electrical engineering and programming.
Website	http://www.msntesla.info/
Occupation or position held	Automation Engineer
Name of the employer	Aqua Interma
Dates	2008 Aug – 2009 Sept, Belgrade, Serbia
Main activities and responsibilities	<ul style="list-style-type: none">- Algorithm development- Development of automatic systems for chlorination- Programming of PLC's, micro-controllers and touch panels
Greatest achievement	Developed and implemented an algorithm for adaptive automatic chlorination system independent of environmental temperature.
Website	http://www.aquainterma.rs/eindex.htm

Freelance Projects

Project name	Human Speech Signal Estimation
Dates	2010 Nov – 2011 Jan
Description	Implementation and verification of the correctness of the new method for estimation of signal parameters under the influence of non-stationary and impulsive noise.
Employer	Faculty of Electrical Engineering, University of Belgrade, Serbia
Project name	Electrical Engineering Consultant
Dates	2010 Feb – 2010 Apr
Description	Provide technical support and advice for the purpose of successful implementation and use of wireless measuring devices.
Employer	Public Utility Company "RAD"
Website	http://www.vodovod-teslic.com/index_en.html
Project name	Machine learning algorithms for route finder
Dates	2009 Oct – 2009 Dec
Description	Development of algorithms for finding of the optimal/shortest route between two defined destinations using swarm intelligence, genetic algorithms and artificial neural networks.
Employer	Faculty of Electrical Engineering, University of Belgrade, Serbia

Education

Graduated	2011 Jun (with highest grades)
Title of qualification awarded	MSc. of Electrical Engineering and Computer Science
Principal subjects	Methods of Soft Computing, Adaptive Systems for Signal Processing and Control, Systems for Automation and Control, Digital Image Processing
MSc. Thesis	Detection and Recognition of Face from the Picture using Associative Neural Networks
School information	Faculty of Electrical Engineering, University of Belgrade, Serbia
Website	http://www.etf.bg.ac.rs/index.php?lang=en
Graduated	2009 Aug
Title of qualification awarded	Graduated Engineer of Electrical Engineering
Principal subjects	Artificial Intelligence, Digital Processing of Signals, Mathematics, Probability and Statistics, Automatic Control Systems, Theory of Robotic Systems, Programming Languages
BSc. Thesis	Communication in Artificial Intelligence
School information	Faculty of Electrical Engineering, University of Belgrade, Serbia
Website	http://www.etf.bg.ac.rs/index.php?lang=en

Other Information

IT skills	MATLAB, Python, Linux, R, Excel, Tableau, SQL, Hadoop, MongoDB, BI, Analytics, Data Mining, Machine Learning, Big Data, Algorithm Design, Statistics, Sybase IQ, Mathematical Modeling, Predictive Modeling, High Performance Computing, Git, etc.
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Language Proficiency

English	Full professional proficiency
Serbian	Native language

Other

Driver's license	B
Member of	MENSA, Krav Maga