

## Personal data

First name / Surname

Email

Address

Phone

LinkedIn

GitHub

**Ognjen Zelenbabić**

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<https://www.linkedin.com/in/ognjenz>

<https://github.com/ognjenz/Sample-work>



## Professional Experience

Occupation or position held

Name of the employer

Dates

Main activities and responsibilities

Greatest achievements

Website

### Data Scientist/BI team lead

Rovicom Solutions, Belgrade, Serbia

2013 Oct – Present

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.

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...

[www.rovicom.net](http://www.rovicom.net)

Occupation or position held

Name of the employer

Dates

Main activities and responsibilities

Greatest achievements

Website

### Data Analyst/Machine Learning Professional

Mozzart Bet, Belgrade, Serbia

2012 Aug – 2013 Oct

Data analysis in order to adopt better business decisions and processes. Specifically focused on the application of advanced mathematical methods (Machine Learning, Data Mining).

- 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.

<http://www.mozzartbet.com/en/home>

Occupation or position held

Name of the employer

Dates

Main activities and responsibilities

Website

### Teacher of Electrical Engineering

High School "Nikola Tesla", Teslić, BiH

2009 Sept – 2010 Sept

Lecture seven different subjects in the field of electrical engineering and programming.

<http://www.msntesla.info/>

Occupation or position held

Name of the employer

Dates

Main activities and responsibilities

Greatest achievement

Website

### Automation Engineer

Aqua Interma

2008 Aug – 2009 Sept, Belgrade, Serbia

- Algorithm development

- Development of automatic systems for chlorination

- Programming of PLC's, micro-controllers and touch panels

Developed and implemented an algorithm for adaptive automatic chlorination system independent of environmental temperature.

<http://www.aquainterma.rs/eindex.htm>

## Freelance Projects

Project name	<b>Human Speech Signal Estimation</b>
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	<b>Electrical Engineering Consultant</b>
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	<a href="http://www.vodovod-teslic.com/index_en.html">http://www.vodovod-teslic.com/index_en.html</a>
Project name	<b>Machine learning algorithms for route finder</b>
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	<b>MSc. of Electrical Engineering and Computer Science</b>
Principal subjects	Methods of Soft Computing, Adaptive Systems for Signal Processing and Control, Systems for Automation and Control, Digital Image Processing
MSc. Thesis	<b>Detection and Recognition of Face from the Picture using Associative Neural Networks</b>
School information	Faculty of Electrical Engineering, University of Belgrade, Serbia
Website	<a href="http://www.etf.bg.ac.rs/index.php?lang=en">http://www.etf.bg.ac.rs/index.php?lang=en</a>
Graduated	2009 Aug
Title of qualification awarded	<b>Graduated Engineer of Electrical Engineering</b>
Principal subjects	Artificial Intelligence, Digital Processing of Signals, Mathematics, Probability and Statistics, Automatic Control Systems, Theory of Robotic Systems, Programming Languages
BSc. Thesis	<b>Communication in Artificial Intelligence</b>
School information	Faculty of Electrical Engineering, University of Belgrade, Serbia
Website	<a href="http://www.etf.bg.ac.rs/index.php?lang=en">http://www.etf.bg.ac.rs/index.php?lang=en</a>

## Other Information

<b>IT skills</b>	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