

Curriculum Vitae – Zaviša Gordić, M.Sc.E.E.

Personal

Name: Zaviša Gordić

Born: 3rd of August 1989, Užice, Serbia

Citizenship: Serbian

Current position: Research Assistant, Department of Signals & Systems, Faculty of Electrical Engineering, University of Belgrade

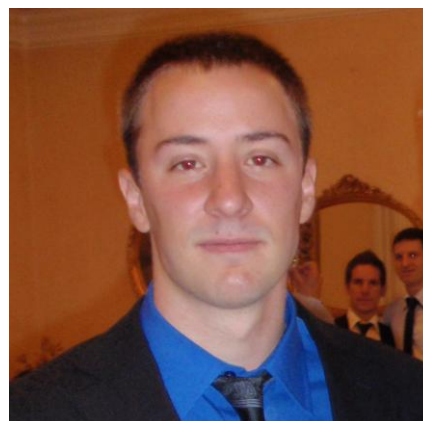
Address: Bulevar kralja Aleksandra 73, 11000 Belgrade, Serbia

Phone: +381 11 3218318 / **Cell:** +381 64 2882858

E-mail: zavisa@etf.rs

Facebook: <https://www.facebook.com/profile.php?id=1521375485>

Linkedin: http://www.linkedin.com/profile/view?id=248691561&trk=nav_responsive_tab_profile



Education

PhD degree (2013– present)	Faculty of Electrical Engineering, University of Belgrade PhD field of research: Robotics
Masters degree (2012– 2013)	Faculty of Electrical Engineering, University of Belgrade <i>Department:</i> Signals and Systems <i>Field:</i> Control systems, Robotics and Signal Processing <i>GPA:</i> 10.00 (out of 10.00) <i>Master thesis:</i> Modeling and Regulation of Automated Car Handling System, <i>mentor:</i> Prof. Željko Djurović.
Dipl. Ing. degree (2008– 2012)	Faculty of Electrical Engineering, University of Belgrade <i>Department:</i> Signals and Systems <i>Field:</i> Control systems, Robotics and Signal Processing <i>GPA:</i> 9.13 (out of 10.00) <i>Diploma thesis:</i> Application of Four-Step Commutation Method for Matrix Converters, <i>mentor:</i> Prof. Željko Djurović.

Experience/Career/Projects

July 2014 - present	Vision Equipment, Dillon Robotics, Technical and commercial coordinator, and key account
Nov 2013 - present	Research assistant at project funded by Serbian Ministry of Education, Science and Technological Development - <i>Ambient Intelligent Service Robots of Anthropomorphic Characteristics</i> .
June-October 2013	Internship in company SMS Siemag AG, Germany (www.sms-siemag.com), department of Testing and Simulation.
September – October 2012	Serbian Center for the Promotion of Science, „Days of Future: Robotics“ (24th of Sept. – 15th of Oct.), responsible for robot workshops, and for robot exhibition. (http://danibuducnosti.rs/)

June-August 2012	Internship at University of Siegen, Germany, department of Automation, project- Matrix Converter.
August-September 2011	Internship in company Controlpoint, Užice, Serbia.
Research Interests	
Robotics	Human-like robotic actuators: modeling and control Simulation tools for robot & machine dynamics, contacts with environment & control
Control systems	Control systems applied to electrical & hydraulic drives
Awards	
2013	“Zoran Djindjic Internship Programme of German Business” scholarship for professional education in Germany
2008	Commendation from HRH Prince Aleksandar Karadjordjević II as the best student in Gymnasium
Student’s projects	
Robotics	CNC machines - programming and product design, programming the movement of robotic manipulator on production line
Industrial Process Control	Water Distribution System, Drying system, AC motor – programming PLCs and SCADA application
Embeded Systems	DC motor control using MBED, current commutation for matrix converter on Spartan 3 FPGA platform.
Publications	
International Conferences:	<p>1. Z. Gordić, B. Lukić, M. Lazarević, “Application of Modified Relay Experiment for Characterization of Two Tank System and Design of Optimal PID Controller”, <i>INFOTEH-Jahorina</i>, Vol 12, March 2013, pp 1187-1191</p> <p>2. M. Lazarević, Z. Gordić, B. Lukić, “Application of Numerical Methods in Obtaining the Inverse Laplace Transform for Solving One Class of Partial Differential Equation Used in Modeling Physical Processes“, <i>INFOTEH-Jahorina</i>, Vol 12, March 2013, pp 1191-1195</p> <p>3. Zaviša Gordić, Kosta Jovanović, “Modeling and Control of Car Handling Box System”, <i>1st International Conference on Electrical, Electronic and Computing Engineering (IcETRAN 2014)</i>, Vrnjačka Banja, June 2014</p> <p>4. Veljko Potkonjak, Branko Lukić, Zaviša Gordić, Predrag Milosavljević, “Development of Experimental Platform for Research in Robots Having Compliant Joints”, <i>1st International Conference on Electrical, Electronic and Computing Engineering (IcETRAN 2014)</i>, Vrnjačka Banja, June 2014</p>
Activities	
Oct 2013 - present	Member of the ETF Robotics research group (http://robot.etf.rs)
Oct 2013 - present	Member of the Belgrade alumni club of the Zoran Djindjic internship programme of German business
Sep 2012 - present	Member of the Belgrade alumni club of the IAESTE

Other skills

Languages:	English (advanced) Russian (intermediate) German (basic)
Computer skills:	MS Office Internet Tools -Matlab&Simulink, C/C++, AutoCAD, Technomatix Plant Simulation, Draft Sight, Xilinx, NI LabVIEW
Personality:	Well organized, responsible, ambitious, communicative, team player, hardworking.
Driving license:	B