

CURRICULUM VITAE



Personal Details:

Name Ilija Radovanović
Date of Birth August 15th, 1986.
Nationality Serbian
Sex Male
Marital Status Single
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EDUCATION

2013-2016	Faculty of Technical Science - University of Novi Sad, FTN IIM EURO NOVI SAD and UBI-United Business Institutes from Brussels – International MBA studies http://www.iimeuro.uns.ac.rs/
2012-Present Day	Faculty of Electrical Engineering, Department of Electronics – University of Belgrade, PhD studies (supervisor: Prof. Ivan Popović)
2010-2012	Faculty of Electrical Engineering, Department of Electronics – University of Belgrade, Master studies (MSc Thesis: System development for magnetic defectoscopy of steel wire ropes)
2004-2010	Faculty of Electrical Engineering, Department of Electronics – University of Belgrade www.etf.rs (Thesis: Security key based on the 802.15.4 standard)

WORK EXPERIENCE

1. **Research Assistant at Innovation center of School of Electrical Engineering** as of January 2011.

Job responsibilities:

- **National technology development project of Ministry of Serbia TR 32043** - Research and development activities and implementation of project results –*Development and modeling of energy efficient, adaptive, multi-processor and multi sensor low power electronic systems*
- Dissemination, presentation and promotion of project results
- Documentation of project work

2. **Operations Manager at Innovation center of School of Electrical Engineering** as of March 2014.

Job responsibilities:

- Synchronization and coordination of accounting, financial and legal services and activities
- Dissemination, presentation and promotion of commercial and scientific projects of the center
- Integration of business processes
- Preparation of project proposals and grant applications
- Cooperation with funds, European commission and Ministry of Education, Science and technological development of Republic of Serbia
- Administration work

SKILLS

- Practical and theoretical knowledge of digital, analog, microwave, radio-frequency and power electronics
- Programming in C, VHDL (VHSIC Hardware Description Language)
- Theoretical knowledge of analog and digital telecommunications

- Work on project in a field of Renewable energy sources
- Participating in the R&D projects in the fields of IoT, cloud computing and fog computing
- Embedded systems application development MSP 430 family (Texas Instruments), Motorola 68000 family, ATMEL Mega family
- Work on projects with FPGA (Field-Programmable Gate Array), CPLD (Complex Programmable Logic Device) products and PLL (Phase-Locked Loops)
- PCB (Printed Circuit Board) design
- Hands-on experience in development tools IAR, Matlab, Labwindows CVI, Altium Designer, Xilinx, Protel, Cadence, Orcad
- 15 years of experience on various generations of computers & OS
- Basic knowledge in Automatic control, Fuzzy systems and Stochastic systems and Estimations
- Project managing

PROJECTS & PUBLICATIONS

- Participate in over 30 projects in different areas of IT and electrical engineering
- Over 40 publications and lectures in Scientific Journals, Books, Conferences (most important ones are listed in the table below)

International monograph chapters

December 2012	Zoran Stević, Ilija Radovanović , Energy Efficiency of Electric Vehicles, Book title: New Generation of Electric Vehicles, Edited by: Zoran Stević, Intech, Rijeka (2012), ISBN 978-953-51-0893-1
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National journals

September 2012	I.Radovanović , N. Rajović, V. Rajović, N. Jovičić, "Signal Acquisition And Processing in the Magnetic Defectoscopy of Steel Wire Ropes", TELFOR Journal, Vol. 4, No. 2
December 2011	Klisić Đ., Zlatanović M., Radovanović I. , "WinSim [®] Computational Flow Dynamics Model Testing Using Databases from Two Wind Measurement Stations", Electronics, vol. 15, no. 2, pp. 43 – 49

Lectures

April 2013	Radovanović I. , Labus J., "Potential and real possibilities of Solar-Thermal technologies", SANU, Belgrade
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International conferences and lectures

October 2015	Đ.Klisić, I. Radovanović , N. Bežanić, I. Popović, " Use of 3d probability model of abird – wind turbine collision for the purpose of the future wind farm Šušara fields, III MKOIEE Conference, Beograd, 2015.
October 2013	I. Radovanović , I. Popović, N. Bežanić, "Renewable energy sources impact on smart transducers application concept in urban environment-smart city solution", II MKOIEE Conference, Beograd, 2013.
May 2013	Z. Stević, M. Rajčić-Vujasinović, I. Radovanović , S. Bugarinović, V. Grekulović, "Characterization of specific electrode materials for supercapacitors", Proceeding, XIVth International scientific-practical conference, Modern information and electronic technologies, Odessa, Ukraine, (2013) 117-120.
November 2011	I.Radovanović , N. Rajović, V. Rajović, J. Jovičić, "Signal Acquisition And Processing in the Magnetic Defectoscopy of Steel Wire Ropes", TELFOR Conference

National conferences

February 2012	I. Radovanović , I. Popović, "Implementation of Smart Transducer Correction Functions", YUINFO2012 Conference
February 2012	N. Bežanić, I. Popović, I. Radovanović , "Implementation of Service Oriented Architecture in Smart Transducers Network", YUINFO2012 Conference

PROFESSIONAL MEMBERSHIPS

- IEEE Student member | <http://www.ieee.org/index.html>
- SMEITS Serbia member | <http://www.smeits.rs/eng/>
- UO DOIEE (Steering Committee Society for renewable electricity sources)- SMEITS Serbia member

PROFESSIONAL INTERESTS

- Designing, programming and testing hardware and software
- Work on real time systems and applied systems
- Project managing
- Business integration of processes

LANGUAGES

- Serbian (native)
- English (fluent) - **CAE (Certificate of Advanced English)** Cambridge University, March 2009.
- French (basic level)

HOBBIES & INTERESTS

- Sports
- Management
- Economy
- IoT