

SELF INTRODUCTION

Personal Data	
Name	Dušan
Surname	Radosavljević
Professional title	Engineer
Professional position	1. Expert associate for Informatics and Risk management (Preschool Teacher Training College Novi Sad); 2. Secretary General (Committee for Space Programme Development - Republic of Serbia)
Email	dusanra21000@gmail.com
Call sign	YU7RJD

Formal Educational Background

From 2016	Serbia and Montenegro Air Traffic Services SMATSA llc – Aviation Academy, Vršac PPL Pilot cadet
2008	Sector for Protection and Recovery of Ministry of IA of Republic of Serbia Disaster and risk management
2000 - 2005	University of Novi Sad – Faculty of Technical Sciences Department of Civil Engineering – Management in Civil Engineering
1996 - 2000	Technical high school ”Jovan Vukanovic”, Novi Sad Department of Civil Engineering <ul style="list-style-type: none">• First place in Buildings Design at the Regional level: <i>Designing of primary and secondary schools;</i>• First place in Buildings Design at the State level: <i>Interpolation of residential building;</i>• Second place for the technical high school graduation project at the State level: <i>Reconstruction and adaptation of agricultural household in Vojka;</i>

Non-Formal Educational Background

2015

Radio-Amateur Union of Vojvodina
Course for Radio-Amateur Licence (I class)

2001 - 2005

University of Novi Sad - Professor Hiromi Okudaira
Japanese language course

In-Formal Educational Background

2012	European Commission / Tempus office in Serbia Quality assurance at Universities in the region
2012	University College Cork, Ireland / Department of Education – Dr Declan Kennedy Writing and Using Learning Outcomes for Pre-School, Elementary, Secondary and Higher Education Programmes
2011	European Commission / Tempus office in Serbia EU Projects preparation and writing
From 2000	Open applications and Software's programming
From 1998	Computer Systems engineering

Work Experience

From 2012	Committee for Space Programme Development - Republic of Serbia, Novi Sad Co-founder, First President (2012-2016), Secretary General (from 2016)
From 2007	Preschool Teacher Training College, Novi Sad Expert associate for Informatics and Risk management
2006-2007	Clinical Center of Vojvodina – Institute of Neurology, Novi Sad Administration and Informatics, Helping patients

Publications

Handbook “**CanSat Program 1**” (2013)

ISBN 978-86-89641-00-4

Patents

2016

AUTOMATIC MECHANISM OF PROTECTION THE TOUCH SCREENS (patent pending status)

2016

ELECTRIC AUTOMATIC MECHANISM OF PROTECTION THE TOUCH SCREENS (patent pending status)

Other Affiliations

2014	Radio-Amateur Union of Serbia
2014	Radio-Amateur Union of Vojvodina
2013	Aeronautical Union of Serbia
2013	Aeronautical Union of Vojvodina

Research works, Projects and Systems

• Name : **Web-based system of payment and exams registration (2006)**

• Description : The project is a unified web-based system of payment and exams registration. The purpose of this system is to facilitate the operation of student office when working with examinations, control payments and print the necessary records and reports. Also, the system is subordinate to the needs of students and provides a much simpler and faster payment and register for exams from any place where there is access to the Internet or via mobile phones.

• Goal : Application of the system in all higher education institutions that do not have a system of electronic payment and exams registration for simplifying and accelerating procedures and processes of payments, exam applications and data processing.

• Project revision : Technical faculty „Mihajlo Pupin”, Zrenjanin

• Project implementation : Preschool Teacher Training College Novi Sad

• Project author : Dusan Radosavljevic

• Name : **E-library (2007)**

• Description : The project is an open application web-based system for use in Windows or Linux environment. This system is facilitating the work of librarians in working with large numbers of students and library materials (books, papers, literature etc.), control of taking and returning of library materials, management and printing of the required listings and reports. Visual identity and ease of use allows librarians who have very little experience in computers effective use of system. Also, the system is subordinate to the needs of students and provides a much simpler and faster search library materials by different criteria and booking from any place where there is Internet access or via mobile phones.

• Goal : Application of the system in all secondary and higher education institutions to simplify and speed up procedures in the process of taking and returning library materials, search materials by different criteria, management and data processing.

• Project revision : Library of Matica srpska, Novi Sad / National library
Library of city of Novi Sad

• Project implementation : Preschool Teacher Training College Novi Sad

• Project author : Dusan Radosavljevic

• Name :

Electronic system for Student office (administration) (2008)

• Description :

The project is an open application of online and offline system for use in Windows or Linux environment. The purpose of this system is to facilitate the operation of student office (administration) when working with students, entering grades, scholarships, and other data, then control them, printing the required listings and statistical reports quickly and easily search and other essential items for the efficient operation of modern student office (administration) and academic institution. Also, the system is connected to the electronic exam application system, e-library, college web presentation and e-student system.

• Goal :

Enabling easier and faster work of student office (administration) and application system in all higher education institutions to more easily and faster processing of data and completing the tasks defined by the Bologna process (mobility of students, data and statistics) and joint progress.

• Project revision :

Preschool Teacher Training College Novi Sad

• Project implementation :

Preschool Teacher Training College Novi Sad

• Project author :

Dusan Radosavljevic

• Name : **Media Cube (2008)**

• Description and Goal : Research of reflection of light on flat and spherical surfaces and cutting off light with other light sources – result of the research and experiments is development of Media Cube with motion sensors and remote control capabilities.

• Project revision, support and cooperation : University of Novi Sad

• Project implementation : University of Novi Sad,
Sports, Business and Congress Centre Vojvodina – the main hall

• Project author : Dusan Radosavljevic

• Name : **The development of software and hardware for biometric payments (2009)**

• Description and Goal : Research & Development of new technologies for use in the daily life of citizens (in direct cooperation with the UNESCO Chair for Entrepreneurial Studies and Professor Dr Fuada Stankovic, former Rector of the University of Novi Sad (Faculty of Law)). Developing a software-hardware system for the safe and fast electronic payment via fingerprint.

• Project revision, support and cooperation : UNESCO Chair for Entrepreneurial Studies of the University of Novi Sad, Career Development Center of the University of Novi Sad

• Project implementation : Pilot on Exit festival village

• Project author : Dusan Radosavljevic

• Name : **Student key (2009)**

• Description : 'Student key' is a web-based system specially designed to help graduates of three and four year of secondary education in informing and helping to facilitate and accelerate the processes of performing procedures in their direction after graduating from secondary education. The system enables the graduates, after registration, from any computer or mobile phone which is on the Internet, to access the portal to enter answers to questions related to professional orientation. Through the answers related careers may choose to study or for employment after graduating from secondary education. After the registration, system guides them through the process of performing procedures in order to successfully and with less nervousness developing their choice. The project for the first time enables the graduates to all the information reach them, not that they search for information's based on the fact that most graduates cannot independently come to the information and thus is forced to give up their wishes and plans. The project is fully in line with the National Youth Strategy of the Republic of Serbia and the Action Plan of the Youth policy of Autonomous Province of Vojvodina.

• Goal : Ensure that all the information reach out to graduates; Encouraging graduates to continue with education; Promotion of higher education institutions; Application project in the region; Sustainability of the project.

• Project revision, support and cooperation : Secretary of Education, Administration and National Communities of Autonomous Province of Vojvodina, Secretary of Youth and Sports of Autonomous Province of Vojvodina, Ministry of Education and Science of the Republic of Serbia, National Bureau of Employment, University of Novi Sad, University of Belgrade.

• Project implementation : Secondary and higher education institutions in the Republic of Serbia and the region.

• Project author : Dusan Radosavljevic

• Name : **Student Card - myCurriculumVitae /
University – Bussines Cooperation (2010)**

• Description : 'Student Card - myCurriculumVitae' is a web-based system specially designed to primarily help secondary and higher education students in employment, ie enable faster employment after graduation. The project represents a clearer and closer cooperation between universities and business, ie students and the labor market. The project is in line with the criteria for the evaluation and accreditation of higher education in the field of external quality control and represents a wider support to modernization of higher education. 'Student Card - myCurriculumVitae' enables students to, during the schooling, promote their works, efforts, skills, creativity, and ideas to future employers and future employers also provides insight into the students potential for engaging them during their schooling in order to acquire practice and later permanent employment.

• Goal : Strengthening cooperation between secondary / higher education institutions and businesses aimed at the modernization education system, reduce unemployment among young people, enabling a faster employment and gaining of existential independence and security.

• Project revision, support and cooperation : Secretary of Education, Administration and National Communities of Autonomous Province of Vojvodina, Ministry of Education and Science of Republic of serbia,
National Bureau of Employment,
University of Novi Sad,
University of Belgrade

• Project implementation : Secondary and higher education institutions in the Republic of Serbia,
Domestic and foreign Enterprises

• Project author : Dusan Radosavljevic

• Name : **e-Services: e-Student & e-Professor system (2010)**

• Description : Web-based system e-Student & e-Professor is service for students and teachers that consists of multiple applications programmed for daily use in order to reduce the costs for students during their studies and provide opportunities for faster and easier completing tasks that are set up by the professors and that are part of daily duties while studying. The system allows students to be more independent in their work, to gain knowledge and skills beyond the regular teaching process (informal education) that will use them in life, and to actively participate in the college work (student office) for transparency, control and influence on the common progress, all in accordance with the laws on intellectual property and protection of personal data.

• Goal : Enable better and easier communication and cooperation between: Student-Teacher, Student-College (student office) and Teacher-Student office. Reducing the costs for students during their studies and our institution in the daily administrative duties. Acquiring new knowledge and skills, encouraging creativity and independence at work. Modernization.

• Project revision : Preschool Teacher Training College Novi Sad

• Project implementation : Preschool Teacher Training College Novi Sad

• Project author : Dusan Radosavljevic

• Name : **Electronic exams / tests (2011)**

• Description and Goal : Web-based system designed to make the process of verifying students' knowledge significantly simplified with the elimination of the costs of materials, as well as significantly reducing the time needed for the preparation of exams / tests and reviewing them. Then, for easy control of the process of taking exams / tests. System is designed so it can be used for exams / tests from home or from the institution without fear of misuse because the latest methods of protection and control are implemented.

• Project revision : Preschool Teacher Training College Novi Sad

• Project implementation : Preschool Teacher Training College Novi Sad,
Preschool Teacher Training College Kikinda

• Project author : Dusan Radosavljevic

• Name : **Electronic evaluation (2011)**

• Description and Goal : In accordance with the Bologna process and the applicable Law on Higher Education of the Republic of Serbia, each higher institution is obliged to at least annually conduct an evaluation of the institution and staff, evaluation of teachers and evaluation of study curriculum. Students participate in the evaluation, and the results are analyzed, published, and affecting on the improvement of the above. Software for electronic evaluation is made for that purpose. The fill in the evaluation questionnaire is completely anonymous and processing of the results fully automated (number of respondents, the average score, standard deviation etc..) with display in the desired shape and format, ready for further analysis.

• Project revision : Preschool Teacher Training College Novi Sad

• Project implementation : Preschool Teacher Training College Novi Sad

• Project author : Dusan Radosavljevic

• Name :

Curriculum Harmonization and Modernization of the Preschool Teacher's Training Colleges in Serbia (2012)

• Description and Goal :

The project deals with the topic of curriculum harmonization and modernization because the actual curriculums are not uniformed enough and do not include equally all scientific fields that are necessary for preschool teachers education. According to that, we intend to achieve mutual interest for all preschool teachers training colleges who participate in this project and result of this will be harmonised and modernized curriculum which will include Distance Learning System for elective courses. This will be breakthrough according to present higher education in Serbia. Our development strategy as well as the strategy of our partners involved in the project is compatible with EUROPE 2020 A European Strategy for Smart, Sustainable and Inclusive Growth. Education is a significant field of human acting and preschool education presents preface of formal education. Since one of the goals of Strategy Europe 2020 is decreasing dropout of formal education, we consider that professional communication with empathy and attitude of child rights respect and implementation of it in everyday work will improve mutual understanding and affiance.

Wider objective is to improve preschool teachers' education and training and make it responsive to new demands of this type of educational provision at preschool institutions in Serbia and Europe-wide. Specific objectives are to reform study programme at the colleges of preschool teacher education in Serbia and harmonize their structure and contents in line with the examples of the EU partner countries and to improve cooperation between Preschool Teacher Training Colleges and labour market and strengthen their links with local communities. Direct target groups are preschool teachers training colleges, vocational professors, students (income preschool teachers), employed preschool teachers. Local community and children in kindergartens and their families as indirect target groups.

• Project revision :

Education, Audiovisual & Culture Executive Agency – European Commission / Tempus, Brussels

• Project implementation :

All Preschool Teacher Training Colleges in Serbia, Kindergartens in Serbia, NGO's, Ministry of Education and Science of Republic of Srbia, University of Maribor-Slovenia, Preschool Teacher Training Faculty Kecsemet-Hungary, University of Avignon-France

• Project author :

Dr Svetlana Lazic
Dusan Radosavljevic

- Name : **The implementation of non-formal and informal forms of education into the educational process by using of new technology and development of gained knowledge evaluation system (2012)**
- Description and Goals :
 - The implementation of non-formal and informal learning in educational process by using of new technology;
 - Development of an evaluation system of knowledge gained through non-formal and informal learning;
 - Training of students, linking students with practice (theory + practice), linking students mutual (peer education);
 - Promoting of new ideas and influence to a new approaches in learning, teaching and work;
 - Faster exchange of knowledge, experiences, skills, opinions, ideas (information), etc..;
 - Improvement of the descriptions and definition of qualifications;
 - Easier students employment upon graduation;
 - Fostering multiculturalism and multilingualism;
 - The beginning of a life-long learning process;
 - Giving the same opportunities to all social groups;
 - International cooperation;

Target groups/participants:

 - Students**
 - Professors/Teachers
 - Employees
 - Employers
- Project revision, support and cooperation : Secretary of Education, Administration and National Communities of Autonomous Province of Vojvodina
- Project implementation : Higher education Institutions from Autonomous Province of Vojvodina
- Project author : Dusan Radosavljevic

• Name : **UCHU-GAME interactive, educational software (2013)**

• Description and Goal : It is a joint development (Dusan Radosavljevic/**Committee** and dr Akihiko Tomita/**Faculty of Education, Wakayama University**) of interactive, educational software that will be able to be used online and offline at kindergarten, classroom and at home. The working title of the program is "UCHU-GAME" (the Japanese word uchu-universe, space) and is realized within the project "***The Strategy for Achieving the Socio-Economic Benefits of Space Knowledge and Technology Applications; Education and Human Resources Development (lessons for structural reforms of Serbian educational system)***". The program will be used as a tool for conducting research among preschool children and the first two years of primary school, on different sides of the world, among different cultures, mentalities, different ways of life, level of development of the state and so on, about the degree of similarity in thinking, experience and understanding of the world around them through concrete and abstract work.

• Project revision, support and cooperation : Faculty of Education, Wakayama University;
Committee for Space Programme Development - Republic of Serbia

• Project implementation : Kindergartens in Novi Sad (Serbia), Wakayama (Japan) and Osaka (Japan)

• Project author : Dr Akihiko Tomita
Dusan Radosavljevic

• Name : **Water Quality Management (2013/14)**

• Description and Goal : Standardization of system for satellite monitoring of surface water quality in real-time and early-warning system (*WQM*). Pilot realization. Data analysis.

• Project revision, support and cooperation : Committee for Space Programme Development - Republic of Serbia;
Republic Hydrometeorological Service;
Agency for Environmental Protection.

• Project implementation : Tisa river (Serbia)

• Project author / head: Dusan Radosavljevic