PERSONAL INFORMATION   Predrag RAKOVIĆ

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Sex male | Date of birth 13/11/1976 | Nationality Montnegrian

POSITION

Teaching assistant,
University Mediterranean - Faculty of Information technology
Vaka Djurovica b.b., 81000 Podgorica (Montenegro)

2013 – 2016   **CEO,**
Labour Organization of Faculty of Eletrotechnical engineering
Cetinjski put b.b., 81000 Podgorica (Montenegro)

2003 – 2014   **Teaching assistant,**
University of Montenegro - Faculty of Eletrotechnical engineering
Cetinjski put b.b., 81000 Podgorica (Montenegro)

2001 - 2003   **IT specialist,**
University of Montenegro - Faculty of Eletrotechnical engineering
Cetinjski put b.b., 81000 Podgorica (Montenegro)

WORK EXPERIENCE

2007   **Master in electrical engineering**   Replace with EQF (or other) level if relevant

University of Montenegro - Faculty of Eletrotechnical engineering, Cetinjski put b.b., 81000 Podgorica (Montenegro)
▪ Computer sciences, Algorithms, Radar signal processing, DSP, Time-Frequency analysis

2001   **Dipl. Ing. electrical engineering**   Replace with EQF (or other) level if relevant

University of Montenegro - Faculty of Eletrotechnical engineering, Cetinjski put b.b., 81000 Podgorica (Montenegro)
▪ Computer Sciences, Electronics

EDUCATION AND TRAINING

[

PERSONAL SKILLS

[Remove any headings left empty.]

Mother tongue(s)	Montenegrin, Macedonian and former Yugoslav languages				
Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
	Replace with name of language certificate. Enter level if known.				
French	B1	B1	B1	B1	B1
	Replace with name of language certificate. Enter level if known.				
Italian	C1	B2	C1	C1	B1
	Replace with name of language certificate. Enter level if known.				
	Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages				

Communication skills Good communication skills gained through my experience as teaching assistent

Organisational / managerial skills Leadership (responsible for a team of 65 people)

Job-related skills Good organizational skills (CEO of Labour Organization)

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
PROFICIENT USE	PROFICIENT USE	PROFICIENT USE	PROFICIENT USE	PROFICIENT USE

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

▪ good command of office suite (word processor, spread sheet, presentation software)
▪ good command of photo editing software gained as an amateur photographer
▪ good computer programming skills(C,C++, HTML,PHP)
▪ good database administration skills(MySQL, ORACLE)

Other skills ▪ Photography

Driving licence Driving licence category B

ADDITIONAL INFORMATION

Publications	**Scientific journals** 1. Igor Đurović, Slobodan Đukanović, Marko Simeunović, Predrag Raković, Braham Barkat, "An Efficient Joint Estimation of Wideband Polynomial-Phase Signal Parameters and Direction-of-Arrival in Sensor Array," EURASIP Journal on Advances in Signal Processing (ISSN:1687-6172), Volume 2012, Issue 1, Feb. 2012, Page(s) 43 **Scientific conferences** 2. P. Raković, B. Lutovac, " Proposal of an ICT solution for monitoring of types of sports injuries in sports organisations - case study of Montenegro", *Proc. 3rd MECO 2014 Conference,* Budva, Montenegro 3. P. Raković, V. Stijepović, "The analysis of a need for acquiring data, evaluation and monitoring of sposrts injuries in Montenegro sports clubs and sports federations", *Proc. XIXth IT 2014 Conference, Žabljak,* Montenegro 4. P. Raković, "Implementation of MPI for speeding up the estimation of parameters of 2DCPPPS using 2DCPF", *Proc. XIXth IT 2014 Conference, Žabljak,* Montenegro 5. P Rakovic, „Estimation od radar target trajectory in strong noise environment from sequence of SAR signals", *Telecommunications Forum (TELFOR),* 2011. 6. Predrag Raković, Miloš Daković, Ljubiša Stankovic, Thayaparan Thayananthan," An algorithm for detecting a manoeuvring target based on TFR and Viterbi algorithm ", *Symbolic and Numerical Methods, Modelling and Applications to Circuit Design (SM2ACD)*, Gammarth, TUNIS, 2010. 7. Ervin Sejdic, Predrag Rakovic, Miloš Daković, LJubiša Stankovic, „An algorithm for decomposition of heart sounds based on s-method", *15th European Signal Processing Conference (EUSIPCO 2007), Poznan, Poland, September 3-7, 2007.* 8. *Predrag Raković, Ljubiša Stanković, „Estimation Of Target Motion And Target Position In Noisy Environment In Sar Radar Signals", Proc. 51th ETRAN Conference, Herceg Novi, June 4-8, 2007.* 9. *P. Rakovic, E. Sejdic, LJ. Stankovic, J. Jiang, „Time-frequency signal processing approaches with applications to heart sound analysis", Computers in Cardiology - CINC, Spain, 2006.* 10. *Predrag Raković, Ervin Sejdić, Ljubiša Stanković, Jin Jiang , „Time-Frequency Analysis Of Heart Sounds And Diagnosis Of Heart Disease (Mitral Stenosis)", Proc. 50th ETRAN Conference, Belgrade, June 6-8, 2006.* 11. Ljubiša Stanković, Predrag Raković, Miloš Daković, Thayananthan Tayaparan „Implementation Of Signal Dependent S-method On Isar Signals", *Proc. 49th ETRAN Conference,* Budva, June 5-10, 2005. Example of publication: ▪ How to write a successful CV, New Associated Publishers, London, 2002. Example of project: ▪ Devon new public library. Principal architect in charge of design, production, bidding and construction IEEE.
Projects	1. *Speeding up the signal processing and analysis of medical images by implementation of GPGPU technology, research project funded by Montenegrin Ministry of Science, academic staff team member, 2014-16* 2. *Radar systems with stochastic wave forms, research project funded by Montenegrin Ministry of Science, academic staff team member, 2012-15* 3. *Local polynomial approximation and techniques of multi-parameter optimization in estimation of parameters and signal filtering, research project funded by Montenegrin Ministry of Science, academic staff team member, 2008 – 2011.* 4. *Radar systems with stochastic wave forms, research project funded by Montenegrin Ministry of Science, academic staff team member, 2008-11.* 5. *Centre of Excellence in Bio-Informatics, project funded by Montenegrin Ministry of Science, academic Researcher , 2013-17*
Courses	▪ Programming in C, Programming in C++, Databases, Principles of Programming, Web design, Web programming, Theory of Information and codding, Basics of Computers,
Honours and awards	Best student award 2001, Univeristy of Monetenegro, Faculty of Electrical Engineering
Memberships	**IEEE**