



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s)

Nikola Bulatovic

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Nationality

Montenegrin

Date of birth

20.12.1989.

Gender

Male

Desired employment / Occupational field

Electrical Engineering – Electronics and Nanotechnology

Education and training

Dates

September 2012 - June 2014

Title of qualification awarded

Master of Science (MSc) - Electronics, Telecommunications and Computers (average grade A)

Principal subjects/occupational skills covered

Advanced Microcontroller system design, Analog integrated circuits design, Databases, Nanotechnology, Atomic Force Microscopy, Magnetic Force Microscopy, Developing scanning methods for investigation of nanomagnetic materials

Name and type of organisations providing education and training

University of Montenegro, Faculty of Electrical Engineering, Department for Electronics, Telecommunications and Computers Dzordza Vasingtona bb St., 81000 Podgorica, Montenegro

Slovak Academy of Sciences, Institute of Electrical Engineering Dúbravská cesta 9, 841 04 Bratislava, Slovak Republic

Dates

September 2011 - June 2012

Title of qualification awarded

Specialist (Spec.Sci) - Electronics, Telecommunications and Computers (average grade A)

Principal subjects/occupational skills covered

Design of VLSI circuits, Multimedia systems, Computer peripherals and interfaces, Microcontroller system design, Electronic measurements, Industrial electronics

Name and type of organisation providing education and training

University of Montenegro, Faculty of Electrical Engineering, Department for Electronics, Telecommunications and Computers Dzordza Vasingtona bb St., 81000 Podgorica, Montenegro

Dates	September 2008 - June 2011
Title of qualification awarded	Bachelor (BSc) - Electronics, Telecommunications and Computers (average grade A)
Principal subjects/occupational skills covered	Computer Engineering and Programming, Electromagnetics, Electronics, Telecommunications, Measurements in Electronics, Theory of Information and Codes
Name and type of organisation providing education and training	University of Montenegro, Faculty of Electrical Engineering, Department for Electronics, Telecommunications and Computers Dzordza Vasingtona bb St., 81000 Podgorica, Montenegro
Dates	September 2004 - June 2008
Title of qualification awarded	High School Degree (average grade 5 out of 5)
Principal subjects/occupational skills covered	Natural Sciences, Mathematics and general secondary education
Name and type of organisation providing education and training	Grammar School "Slobodan Skerovic" Vaka Djurovica St., 81000 Podgorica, Montenegro
Level in national or international classification	High School
Dates	September 1996 – June 2004
Title of qualification awarded	Elementary School Degree (average grade 5 out of 5)
Principal subjects/occupational skills covered	Primary school education
Name and type of organisation providing education and training	OS "Sutjeska" 2, Nikca od Rovina St., 81000 Podgorica, Montenegro
Level in national or international classification	Primary School

Personal skills and competences

Mother tongue(s)
Other language(s)

Self-assessment
European level ()*

English
Italian

Montenegrin

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference for Languages](#)

Social and skills and competences

- member of EESTEC (association of electrical engineering students at the European level) organised many humanitarian and summer exchange programmes in Montenegro
- leader of the group which was involved in developing application for Android platforms for the purposes of inventors of Montenegro (Wake Up Alarm application for Android smartphones)
- enrolled in many sporting events, usually football
- good ability of adapting to new environments gained through experience of travelling abroad
- great communication with people from other cultures

Organisational skills and competences

- great experience in group projects (voluntary work, university organised programs as well as seminars and other projects)
- developed study-organisational skills

Technical skills and competences

- experience in analogue and digital electronics, with embedded systems design and integrated circuits (VLSI) design as main point of interest
- electronics in nanotechnology, Atomic Force Microscopy, Magnetic Force Microscopy
- extensive experience in embedded systems and PC programming (working on different platforms and different developing environments)
- worked with AVR and ARM microcontroller architecture
- experience with VHDL programming
- Android, iOS and Web developer
- main point of interest for the future is integrated circuits (VLSI) design and integration of embedded systems in communications and networking as well as research in the field of electronics in nanotechnology
- Student member of IEEE

Computer skills and competences

- programming of ARM and AVR microcontrollers
- C, C++, C#
- PSpice (Cadence)
- VHDL
- MATLAB
- AutoCAD
- Java programming language (Android applications development)
- Objective-C (iOS applications development)
- Web programming (Oracle, MySQL, PHP, HTML, JavaScript, CSS)
- Microsoft Office™ tools (Word™, Excel™ and PowerPoint)

Acquired through studying at Faculty of Electrical Engineering, University of Montenegro

Artistic skills and competences

Drawing, playing the guitar.

Acquired through leisure activities.

Other skills and competences

Skilful and experienced in playing football, skiing, swimming.

Driving licence

Category B

Additional information

Publication

Problems in Analogue Electronics (seminar paper for the purposes of the Faculty of Electrical Engineering, University of Montenegro)

Faculty of Electrical Engineering, University of Montenegro Student award for extraordinary results and average grade A – November 2010.

Young Inventors of Montenegro winner award with the project “Smart Home” (Arduino platform) - April 2012.

“Open ideas for Montenegro” winner award with the project “Be Responsible” – June 2013.

Faculty of Electrical Engineering, University of Montenegro Student award for extraordinary results and average grade A – November 2014.

Annexes