



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Tijana Vujicic**
Address Put pored Bistrice
81400 Niksic (Montenegro)
E-mail(s) tijana.vujicic@unimediterran.net
Date of birth 20.10.1990.
Gender Female



Work experience

Dates 06/04/2019 - present
Occupation or position held Assistant professor
Name and address of employer Faculty of Information technologies, University "Mediterranean" Podgorica
Vaka Djurovica bb, 81000 Podgorica (Montenegro)

Dates 10/09/2013 - 30/09/2018
Occupation or position held Teaching assistant
Name and address of employer Faculty of Information technologies, University "Mediterranean" Podgorica
Vaka Djurovica bb, 81000 Podgorica (Montenegro)

Dates 02/08/2012 – 10/09/2013
Occupation or position held Software developer, Information systems engineer
Name and address of employer WIND d.o.o.
Bulevar Svetog Petra Cetinjskog 30, 81000 Podgorica (Montenegro)

Education and training

Dates 24 November 2015 – 13 July 2018
Title of qualification awarded PhD
Name and type of organization providing education and training Information systems and quantitative management, Study field: Software Engineering
Faculty of Organizational Sciences, University of Belgrade
Jove Ilica 154, Belgrade (Serbia)

Dates 01 June 2016 – 01 September 2016
01 January 2017 – 01 March 2017

Title of qualification awarded Visiting researcher
Name and type of organization providing education and training Computer and Information Sciences Department, Center for Data Analytics and Biomedical Informatics
Temple University
1925 N. 12th Street (SERC: 035-02), Philadelphia, PA 19122, US

Dates 24 November 2013 – 30 April 2015

Title of qualification awarded Master (MSc) engineer of organizational sciences, with GPA of 10/10
Name and type of organization providing education and training Study program Software Engineering and Computer Science, study group Software Engineering
Faculty of Organizational Sciences, University of Belgrade
Jove Ilica 154, Belgrade (Serbia)

Dates 01 February 2011 – 30 May 2011

Title of qualification awarded Specialist (Spec. Sci) of Information Technologies, with GPA of 10/10
Name and type of organization providing education and training Faculty of Information technologies, University "Mediterranean" Podgorica
Vaka Djurovica bb, 81000 Podgorica (Montenegro)

Dates 01 September 2009 - 05 July 2011

Title of qualification awarded Bachelor (BSc) of Information Technologies, with GPA of 10/10
Name and type of organization providing education and training Faculty of Information technologies, University "Mediterranean" Podgorica
Vaka Djurovica bb, 81000 Podgorica (Montenegro)

Dates 01 September 2005 - 20 May 2009

Title of qualification awarded High school degree
Name and type of organization providing education and training High school "Stojan Cerovic"
Partizanski put bb, 81400 Niksic (Montenegro)

Personal skills and competencies

Other language(s)

Self-assessment
European level (*)

English

Italian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Computer skills and competences

Programming languages and mathematical packages: Java, C#, Python, Clojure, MatLab, R
Web programming: HTML, CSS, JavaScript, PHP
Mobile programming: Android, iOS
Databases: Oracle, Microsoft, MySQL, NoSQL databases

Computer aided design/engineering: optical imaging, AutoCAD, PhotoShop, Corel
Other: Windows OS, Microsoft Office, Mac OS

Additional information

Other professional activities:

- 26 August 2018 – 28 August 2018, New Voice Regional Speaker at the NSF US-Serbia and West Balkan Data Science Workshop organized by US National Science Foundation and Center for Science and Innovation Serbia, Belgrade, Serbia
- 01 January 2017 – 01 March 2017, Student intern, Computer and Information Sciences Department, Center for Data Analytics and Biomedical Informatics, Temple University Philadelphia, Pennsylvania, USA
- 01 June 2016 – 01 September 2016, Short-term scholar, Computer and Information Sciences Department, Center for Data Analytics and Biomedical Informatics, Temple University Philadelphia, Pennsylvania, USA
- 27 May 2016 – 27 May 2016, Judge at the Hackathon programming competition, Podgorica, Montenegro
- 04 October 2015 – 07 October 2015, Participant of International investment conference PACINO (Platform for trans-Academic Cooperation in Innovation), Corfu, Greece
- 25 February 2015 – 28 February 2015, Participant of Open Data Manchester, Manchester, United Kingdom
- 18 November 2014 – 20 November 2014, Participant of the How to Web Startup Spotlight, Bucharest, Romania
- 01 February 2011 – 30 May 2011, Oracle Academy course for Database design and Programming With SQL
- 01 September 2011 – 30 December 2011, Oracle Academy course for Database Programming
- 07 May 2012 – 11 May 2012, Oracle University Seminar Developing Web Services Using Java Technology
- 01 November 2013 – 30 December 2013, Oracle Academy course for Database Programming with PL/SQL

Published papers:

- Balota, A., Grebovic, S., Skuletic, S., **Vujcic, T.**, & Radunovic, P.: System of connections and transport of data registered from lightning discharges. Microprocessors and Microsystems, DOI: <https://doi.org/10.1016/j.micpro.2018.07.011>, 2018
- **Vujcic T.**, Glass J., Zhou F., Obradovic Z.: Gaussian Conditional Random Fields Extended for Directed Graphs, ECML PKDD 2017 Journal track, Machine Learning Springer journal, DOI: 10.1007/s10994-016-5611-7, 2017
- Scepanovic, S., Loshkovska, S., Balota, A., Radunovic P., Knezevic, I., **Vujcic, T.**, Petrusic, D. & Antovic, I. (2017). Case Studies of Dynamic SOA Services for The Healthcare Systems in Montenegro and Macedonia, ICT Innovations Web proceedings, ISSN: 1865-0937.
- Zaric, N., Scepanovic, S. **Vujcic T.**, Ljucovic, J. & Davcev, D. (2017). The Model for Gamification of E-learning in Higher Education Based on Learning Styles, ICT Innovations, DOI: 10.1007/978-3-319-67597-8, ISSN: 1865-0929,

ISBN: 978-3-319-67596-1.

- Radunovic P., **Vujcic T.**, Balota A.: Web Application for Lightning Activity Monitoring System (LAMS), CISTI Conference, Lisbon, Portugal, 2017
- Balota A., Grebović S., **Vujcic T.**, Radunović P.: Connection links and transport of atmospheric discharges registered data, MECO Conference, Bar, Crna Gora, 2017
- Matijevic T., **Vujcic T.**, Ljucovic J., Radunovic P., Balota A.: Performance Analysis of Girvan-Newman Algorithm on Different Types of Random Graphs, CECIIS Conference, Varazdin, Croatia, 2016
- **Vujcic T.**, Matijevic T., Sevarac Z., Ljucovic J., Balota A.: Comparative Analysis of Methods for Determining Number of Hidden Neurons in Artificial Neural Network, CECIIS Conference, Varazdin, Croatia, 2016
- Ljucovic J., **Vujcic T.**, Matijevic T., Tomovic S., Scepanovic S.: Comparative analysis of classic clustering algorithms and Girvan-Newman algorithm for finding communities in social networks, Entrenova Conference, Rovinj, Croatia, 2016
- Ljucovic J., Matijevic T., **Vujcic T.**, Tomovic S.: Analysis of social network random model and comparison to real collaboration network, ITRO Conference, Zrenjanin, Serbia, 2016, ISBN 978-86-7672-285-3
- **Vujcic T.**, Scepanovic S., Jovanovic J.: Requirements Engineering in Culturally and Technologically Diverse Settings, MECO Conference, Bar, Montenegro, 2016, ISBN: 978-1-5090-2222-9
- **Vujcic T.**, Radunovic P., Antovic I., Vlajic S.: Data usability prediction using neural networks, YUINFO Conference, Kopaonik, Serbia, 2016, ISBN: 978-86-85525-17-9
- Scepanovic S., **Vujcic T.**, Radunovic P., Antovic I., Vlajic S.: Challenges in design of games for mobile learning, INTED2016 Proceedings, Valencia, Spain, 2016, ISBN: 978-84-608-5617-7, ISSN: 2340-1079
- Scepanovic S., **Vujcic T.**, Matijevic T., Radunovic P.: Game based mobile learning – application development and evaluation, Conference on eLearning, Belgrade, Serbia, 2015, ISBN: 978-86-89755-07-7
- Scepanovic S., **Vujcic T.**, Radunovic P., Zupanc K., Bosnic Z.: Geostep – platform for mobile game-based learning, International Electrotechnical and Computer Science IEEE Conference ERK, Portorož, Slovenia, 2015, ISSN: 1581-4572
- Radunovic P., **Vujcic T.**, Knezevic I.: Comparison of the functional and imperative approach to programming, XIX International Scientific-Professional conference Information Technology, Zabljak, Montenegro, 2014, ISBN: 978-86-85775-15-4
- **Vujcic T.**, Radunovic P., Knezevic I.: Comparative analysis of NOSQL and SQL database, on the example of Datomic and MSSQL, XIX International Scientific-Professional conference Information Technology, Zabljak, Montenegro, 2014, ISBN: 978-86-85775-15-4
- Radunovic P., **Vujcic T.**, Karanikic M., KneZevic I: Simulation model of three-state scheme, XVII International Scientific-Professional conference Information Technology, Zabljak, Montenegro, 2012, ISBN: 978-86-7664-102-4
- **Vujcic T.**, Strujic DZ., Sendelj R.: Advantages of using the Hibernate framework over using the JDBC in Java EE applications, XVII International

Scientific-Professional conference Information Technology, Zabljak, Montenegro, 2012, ISBN: 978-86-7664-102-4

- **Vujcic T.**, Radunovic P., Karanikic M., Knezevic I.: E-tickets based on QR code, International student science conference StES ("Students Encountering Science"), Banja Luka, Bosnia and Herzegovina, 2011, ISBN: 999388062-0

Awards:

Awarded 'Luca A' for achievements in elementary school

Awarded 'Luca A' for achievements in high school

Scholarship awarded by Faculty of Information Technology, University Mediterranean, Podgorica for 2009/2010, 2010/11 and 2011/12 school year
"10 for 10" Award of Ministry for Information Society and Telecommunications as leader of awarded project.

Scholarship for the best students awarded by Ministry of Education and Sports for 2011/12 and 2012/13 school year

Scholarship awarded by Atlas foundation

First award on Right Click 2012 competition (Best idea for software)

Award for best final year students awarded by the Municipality of Niksic