

CURRICULUM VITAE

Personal information	
Name	Biljana Stojcevska
Address	Blvd. Partizanski odredi 99, 1000 Skopje, Macedonia
Telephone	+389 (2) 3093 209
E-mail	b.stojcevska@utms.edu.mk
Nationality	Macedonian
Date of birth	20.1.1969
Gender	Female
Academic Title	Full Professor

Work experience	
• Dates (from – to)	4.10.2018 –
• Name and address of employer	University of Tourism and Management in Skopje Blvd. Partizanski odredi 99, 1000 Skopje, Macedonia
• Type of business or sector	Higher education
• Occupation or position held	Professor of Informatics
• Main activities and responsibilities	Teaching activities Scientific research
• Dates (from – to)	1.2.2008 – 31.8.2018
• Name and address of employer	University American College Skopje Blvd. Treta Makedonska Brigada 60, 1000 Skopje, Macedonia
• Type of business or sector	Higher education
• Occupation or position held	Professor of Informatics
• Main activities and responsibilities	Teaching activities Scientific research
• Dates (from – to)	1.9.1994-31.1.2008
• Name and address of employer	Ss. Cyril and Methodius University blvd. Goce Delcev 9, 1000 Skopje, Macedonia http://www.ukim.edu.mk Teaching Assistant at the Institute of informatics, Faculty of Natural Sciences and Mathematics
• Type of business or sector	Higher education
• Occupation or position held	Assistant
• Main activities and responsibilities	Teaching activities and research Management
• Dates (from – to)	1.4.1994-31.8.1994
• Name and address of employer	Ministry of Defense of Republic of Macedonia
• Type of business or sector	State administration

• Occupation or position held	Assistant
• Main activities and responsibilities	Software development and implementation, database migration, user training

Education and training	
• Dates (from – to)	1.10.2005 – 26.12.2010
• Name and type of organization providing education and training	Ss.Cyril and Methodius University in Skopje Faculty of Natural Sciences and Mathematics Institute of Informatics
• Principal subjects/occupational skills covered	Computer Networks
• Title of qualification awarded	Doctor of informatics
• Level in national classification (if appropriate)	VIII
• Dates (from – to)	1.10.1997- 1.12.2003
• Name and type of organization providing education and training	Ss.Cyril and Methodius University in Skopje Faculty of Natural Sciences and Mathematics Institute of Informatics
• Principal subjects/occupational skills covered	Computer Networks
• Title of qualification awarded	Master of informatics
• Level in national classification (if appropriate)	VIII/2
• Dates (from – to)	1.10.1987 – 16.12.1992
• Name and type of organization providing education and training	Ss.Cyril and Methodius University in Skopje Faculty of Natural Sciences and Mathematics Institute of Informatics
• Principal subjects/occupational skills covered	Software engineering Algorithms Artificial Intelligence
• Title of qualification awarded	Bachelor of informatics

• Level in national classification (if appropriate)	VIII/1
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International meeting and symposia	
• Dates (from – to)	11-12.2020
• Location	Skopje
• Company & reference person (name & contact details)	Online training for youth employment support, ERC sorabotka Bitola, Agencija za mladi I sport na RSM
• Position	Course content provider/Trainer
• Dates (from – to)	10-12.2019
• Location	Skopje
• Company & reference person (name & contact details)	With higher competencies to greater employability of young people, Vizija 2020 Stip, UTMS, Agencija za mladi I sport na RSM
• Position	Course content provider/Trainer
• Dates (from – to)	2004-2005
• Location	Skopje
• Company & reference person (name & contact details)	ICT4ICT, MidSweden University in Collaboration with the Institute of Informatics. Principal researcher: Prof. I. Djonova-Popova, PhD/ researcher and principal local organizer
• Position	researcher
• Dates (from – to)	2001-2004
• Location	Skopje
• Company & reference person (name & contact details)	Innovation of Computer Science Curriculum in Higher Education, CD_JEP 16160/2001 TEMPUS
• Position	member
• Dates (from – to)	2001-2004
• Location	Skopje
• Company & reference person (name & contact details)	Distributing Information Technologies - New Curricula and Flexible Education, TEMPUS/
• Position	member
• Dates (from – to)	2002-2003
• Location	Skopje
• Company & reference person (name & contact details)	Wireless Application Laboratory при ИИ, Principal researcher: Prof. M. Gusev, PhD/
• Position	researcher

Publications	
June 2022	Boro Sitnikovski, Biljana Stojcevska, Integrating a Virtual Machine on a system-on-a-chip, 57th International Scientific Conference on Information, Communication and Energy Systems and Technologies (ICEST), Publisher: IEEE, 16-18

November 2020	Boro Sitnikovski, Lidija Goracinova-Ilieva, Biljana Stojcevska, MODELS FOR SOFTWARE VERIFICATION: PROVING PROGRAM CORRECTNESS, 7th International Scientific Congress ICON BEST 2020, Skopje, Macedonia,
December 2020	Kristina Jakimovska, Biljana Stojcevska, Anita Vasileva (2020) ASSESSMENT OF INTELLIGENT SOLUTIONS FOR IMPROVING ELEVATORS' PERFORMANCES, Journal of Information Technology and Applications,
May 2020	Boro Sitnikovski, Biljana Stojcevska, Lidija Goracinova-Ilieva and Irena Stojmenovska (2020) PubSub implementation in Haskell with formal verification in Coq, CIIT 2020, Skopje, Proceedings of the 17th International Conference for Informatics and Information Technologies, ISBN 978-608-4699-10-1, pp 181-184
June 2019	Jasmina Markoska, Irena Stojmenovska, Veno Pachovski, Adrijan Bozinovski, Biljana Stojcevska Visual approach to teaching basic function properties - composition of two functions and inverse of a function, Eight International Conference "Modern Trends in Science" 26 -30.06.2019, Blagoevgrad, Bulgaria
April 2019	Sara Temelkovska, Adrijan Božinovski, Irena Stojmenovska and Biljana Stojcevska, Sorting Algorithms and Their Complexities: A Case Study, The 16th Conference for Informatics and Information Technology (CIIT 2019), Mavrovo, 2019
April 2018	Bogdan Jeliskoski, Biljana Stojcevska, Adrijan Bozinovski, Securing a Home Network by Using Raspberry Pi as a VPN Gateway, The 15th Conference for Informatics and Information Technology (CIIT 2018), Mavrovo, 20-22 April 2018
April 2017	Slavco Andreevski, Adrijan Bozinovski, Biljana Stojcevska VPN server versus Proxy server privacy, (2017) , CIIT 2017 Mavrovo, Web proceedings
December 2016	Božinovski A., Tanev G., Stojčevska B., Pačovski V., Ackovska N., Time Complexity Analysis of the Binary Tree Roll Algorithm, Journal of Information Technology and Applications, Vol. 6, No. 2, pp. 53-62, 2016
September 2016	Ristana Mitrovska, Veno Pachovski, Adrijan Božinovski, Biljana Stojcevska, Current Level of Implementation of e-Health Services in the Republic of Macedonia, ICT-Innovations 2016, September 5-7, Ohrid, Web proceedings ISSN 1865:0929
December 2015	Viktor Denkovski, Biljana Stojcevska, Toni Dovenski, Veno Pachovski, Adrijan Bozinovski (2015) Performance evaluation of routing protocols in a wireless sensor network for targeted environment, Journal of Information Technology and Applications, Volume 5, Number 2 Banja Luka, December 2015 (77-132), ISSN 2232-9625 (Print) UDC 004, pp 110-116
September 2015	Viktor Denkovski, Biljana Stojchevska, Martin Nikolovski, Monika Dovenska, Toni Dovenski (2015) "Wireless sensors for heard health monitoring and production management in dairy farming", Proceedings of the 6th International Scientific Meeting Days of veterinary medicine 2015, Struga Macedonia, September 24-26, Macedonia, 2015, poster, Mac Vet Rev 2015; 38 (Suppl. 1), ISSN 1409-7621, pp 41
May 2015	Ivana Stojanovska, Marjana Vaneva, Biljana Stojcevska, (2015) E-Inclusion: Digital Divide and ICT Acceptance among Elderly People in Macedonia Compared to Bulgaria and Romania, 10th annual international academic conference on European integration, EUROPEAN INTEGRATION - NEW PROSPECTS, May 21
April 2015	Kocho Hrisafov, Adrijan Bozinovski, Ivana Stojanovska, Biljana Stojcevska (2015) Cloud Computing – Challenges and Demands of the Business Sector, CIIT 2015 Bitola, Web Proceedings, ISBN 978-608-4699-05-7, pp 83-86
April 2015	Arbnor Grubi, Biljana Stojcevska, Ivana Stojanovska (2015) Better IT Administration with the help of Network Data Acquisition, CIIT 2015 Bitola, Web Proceedings, ISBN 978-608-4699-05-7, pp 203-206

April 2015	Nenad Trajkovski, Biljana Stojcevska, Ivana Stojanovska (2015) Wireless Charging – Concept, Theory and Applications, CIIT 2015 Bitola, Web Proceedings, ISBN 978-608-4699-05-7, pp 192-196
September 2014	Bane Georgievski, Veno Pachovski, Biljana Stojcevska (2014) An Implementation Of A NoSQL Based Web Crawler For Image Storage And Retrieval, ICT-Innovations, 2014 Ohrid, 11-13.09, Web Proceedings, ISSN 1857-7288, pp 326-335
May 2014	Aleksandar Milenkoski, Biljana Stojcevska, Oliver Popov, Statistical framework for ns-3: terminating simulation and regression analysis, World Journal of Modelling and Simulation, ISSN: 1746-7233, UK, Volume 10 Number 2, May 2014, pp 81-160
April 2014	Davor Naumoski, Biljana Stojcevska, Zlatko Ivanovski (2014) Next Generation Wireless Technology: The 802.11ac Wireless Network, CIIT 2014 Bitola, 11-13.04, 2014, Web proceedings, ISBN 978-608-4699-04-0, pp. 81-83
April 2014	MarjanTanevski, AdrijanBozhinovski, Eva Blazhevaska, Biljana Stojchevska (2014) Using the Spring Framework with Java Enterprise Edition when Creating MVC Platform, CIIT 2014 Bitola, 11-13.04, 2014, Web proceedings, ISBN 978-608-4699-04-0, pp.67-71
December 2013	Adrijan Bozhinovski, Biljana Stojchevska, Veno Pachovski, Enumeration, Ranking and Generation of Binary Trees Based on Level-Order Traversal Using Catalan Cipher Vectors, Journal of Information Technology and Applications - JITA, (Exchange of Information and Knowledge in Research), Volume 3 Number 2 Banja Luka, December 2013 (61-116) ISSN 2232-9625 (Print) UDC 004, pp 78-87
April 2013	Dobre Blazhevski, Adrijan Bozhinovski, Biljana Stojchevska, Veno Pachovski, Modes of operation of the AES algorithm, The 10th Conference for Informatics and Information Technology (CIIT 2013), Bitola, 18-20 April 2013, Web proceedings, ISBN 978-608-4699-01-9, pp.212-216
March 2011	Milenkoski, A., Stojcevska, B., Popov, O. B., " Transport Protocol Evaluation System with Automatic Statistical Accuracy Calculation and Distributed and Parallel Execution", Proc. of SIMUTools2011, 4th International ICST Conference on Simulation Tools and Techniques, poster presentation, Barcelona, Spain, March 2011
September 2010	Milenkoski, A., Stojcevska B., "Loss Differentiation Algorithms vs. Congestion Control Schemes: Dynamics and Performance", International Journal of Distributed and Parallel Systems (IJDPS) Vol.1, No.1, September 2010
September 2010	Stojcevska, B., Popov, O. B., Milenkoski, A., " Iterative System for Simulation of E2E Transport Protocols in Heterogeneous Networks", Proceedings of EUROSIM 2010, September 2010
September 2009	Stojcevska, B., Popov, O. B., Milenkoski, A., "The Performance of a Packet Pairing TCP Modification in Networks with Lossy Links", ICT Innovations 09, poster presentation, Ohrid, Macedonia, September 2009
January 2006	Stojcevska, B., Popov, O. B., "Primers of Using Analytical Tools to Capture TCP Behavior", Proc. of the Sixth Conference on Informatics and Information Technology, Bitola, Macedonia, January 2007
December 2006	Stojcevska, B., and Popov, O. B.: "Packet Pairing for TCP in heterogeneous networks", ACTA ELECTROTECHNICA ET INFORMATICA, No.4, Vol. 6: pp. 1-12, 2006
June 2004	Stojcevska, B., Popov, O. B., "Loss Pairs for Congestion Detection and Control", Proc. of the 8th World Multi-Conference on Systemics, Cybernetics and Informatics SCI2004, Orlando, Florida, June 2004, Vol. XI, pp. 263-267
December 2003	Stojcevska, B., Popov, O. B., "A Loss Pair Approach towards Congestion Management", Proc. of the Fourth Conference on Informatics and Information Technology, Bitola, Macedonia, Dec 2003
June 2003	Stojcevska, B., "ns Simulator in Computer Networks", Proc. of the Workshop on Lab Practicing on Computer Science Education, Nis, Serbia and Montenegro, June 2003

December 2002	Stojcevska, B., Popov, O. B., "TCP in Heterogeneous Environments" - Proc. of the Third Conference on Informatics and Information Technology, Bitola, Macedonia, December 2002, pp 42-53
December 2001	Popov, O. B., Stojcevska, B., "Some Issues in Mobile Computing", Proc. of the Second Conference on Informatics and Information Technology, Bitola, Macedonia, Dec 2001, pp. 144-153
September 2000	Markovski, S., Gligoroski, D., Stojcevska, B., "Secure two-way on-line communication by using Quasigroup Enciphering with an almost Public Key" Proc. of the Third International Conference on Theoretical Aspects of Informatics and Applications, TARA 2000, Novi Sad, Yugoslavia, September 2000