

Biografia

1. Mbiemri:	MARAJ
2. Emri:	ARIANIT
3. Nacionaliteti:	Shqiptar
4. Shtetësia:	Kosovar
5. Data e lindjes	29.08.1980
6. Gjinia:	M
7. Detajet kontaktuese:	Mati1, Prishtinë, 10 000
<i>Emaili:</i>	arianit.maraj@umib.net
<i>Tel:</i>	044 425 159
<i>Data e plotesimit</i>	Janar 2021
8. Niveli arsimor:	
<i>Institucioni:</i>	Universiteti i Prishtinës, Fakulteti i Inxhinierisë Elektrike dhe Kompjuterike
<i>Data e diplomimit</i>	18.02.2004
<i>Diploma:</i>	Inxhinier i elektroteknikës; Kompjuterikë me telekomunikacion
<i>Institucioni:</i>	Universiteti i Prishtinës, Fakulteti i Inxhinierisë Elektrike dhe Kompjuterike
<i>Data e diplomimit:</i>	23.09.2008
<i>Fusha</i>	Magjister i shkencave Elektroteknike; Telekomunikacion
<i>Diploma/Mikroteza:</i>	Analiza e rutimit të bazuar në QoS në rrjetin MPLS duke përdorur “llogaritjet e buta” (Soft Computing)
<i>Institucioni:</i>	Universiteti Politeknik i Tiranës
<i>Data e diplomimit:</i>	16.05.2013
<i>Fusha</i>	Inxhinieri Informacioni dhe komunikimi;
<i>Punimi i doktorratë</i>	Studimi i infrastrukturës së rrjetit dhe i parametrave që ndikojnë në QoS/QoE për ofrimin e shërbimeve IPTV
<i>Diploma / Doktorata:</i>	PhD
<i>Institucioni:</i>	Florida Institute of Technology, USA
<i>Data e diplomimit:</i>	2018
<i>Fusha</i>	Cyber security; Computer Sciences – Postdoctoral research studies
9. Thirrja akademike:	Prof. ass. Dr.
<i>Institucioni</i>	Universiteti i Mitrovicës “Isa Boletini”

<i>Data e thirrjes:</i>	Dhjetor 2020
9.1. Thirrja akademike:	Prof. Ass. dr.
<i>Institucioni</i>	Universiteti i Prizrenit “Ukshin Hoti”
<i>Data e thirrjes:</i>	Korrik 2019
9.2. Thirrja akademike:	Asistent i ri
<i>Institucioni</i>	Universiteti i Prishtines
<i>Data e thirrjes:</i>	2004
9.3. Thirrja akademike:	Asistent mësimor
<i>Institucioni</i>	Universiteti i Prishtinës
<i>Data e thirrjes:</i>	2007
10. Pervoja profesionale - menaxheriale	
Data dhe Viti	
01.01.2005	<i>Telekomi i Kosovës</i>
01.10.2014	<i>Kolegji AAB</i>
01.10.2010	<i>Universiteti i Prizrenit “Ukshin Hoti”</i>
01.10. 2013	<i>Kolegji Iliria</i>
2008	<i>PEM GmbH; Telecommunication expert</i>
01.10.2004	<i>Universiteti i Prishtinës “Hasan Prishtina”</i>
11. Publikimet shkencore:	
Revistat shkencore	
Emri i autorit/autorëve/Titulli i punimit	
1. Butler, W., Maraj, A., I. Qarkaxhija, J. (2020). 'Online learning challenges and opportunities in Higher Education Institutions (HEIs) in developing countries', Thesis, 9(2), str. 281-299. Preuzeto s: https://hrcak.srce.hr/250896 (Datum pristupa: 03.02.2021.) 2. Baraković, S.; Baraković Husić, J.; Maraj, D.; Maraj, A.; Krejcar, O.; Maresova, P.; Melero, F.J. Quality of Life, Quality of Experience, and Security Perception in Web of Things: An Overview of Research Opportunities. Electronics 2020, 9, 700. 2. 3. Maraj, Arianit, et al., (2020). Testing of network security systems through DoS, SQL injection, reverse TCP and social engineering attacks. International Journal of Grid and Utility Computing. 11. 115. 10.1504/IJGUC.2020.103976 4. Marius Silaghi, Arianit Maraj and Timothy Atkinson, Learning strategies for power attacks on Wi-Fi Direct group	

formation”, submitted on FLAIRS 32 conference, Sarasota, Florida, USA, May 19-22, 2019

5. Arianit Maraj, Timothy Atkinson and Marius Silaghi, “Learning strategies for power attacks on Wi-Fi Direct group formation”, accepted for publication on FLAIRS 32 conference, Sarasota, Florida, USA, May 19-22, 2019
6. A. Susuri, M. Hamiti, Arianit Maraj, “Bots and users impact in the detection of vandalism in low-resource language sections of Wikipedia” June 2019, Conference: 3rd International Scientific Conference on Business and Economics, Macedonia
7. E. Rogova, Arianit Maraj, Blerat Ukaj, “Location-based applications, services and technologies in aid of flight planning and GPS based navigation for visual flight rules (VFR) in developing countries: with a case study”, accepted with minor changes in Int. J. of Space-Based and Situated Computing (IJSSC), 2018
8. F. Krasniqi, Arianit Maraj (Corresponding Author), E. Blaka, “Performance analysis of mobile 4G/LTE networks”, 2018 South Eastern European Design Automation, Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM), accepted for publication, Conference will be hold on 22-24 September 2018, Kastoria, Greece, IEEE/Scopus
9. S. Lepaja, Arianit Maraj (Corresponding author), I. Efendiu, Sh. Berzati, “The impact of the security mechanisms on the throughput of the WLAN networks” The 7th Mediterranean Conference on Embedded Computing - MECO’2018, IEEE Conference , June 2018
10. S. Lepaja, Arianit Maraj (Corresponding author), Sh. Berzati, WLAN Planning and Performance Evaluation, 41st International Convention on Information and Communication Technology, Electronics and microelectronics, MIPRO, IEEE Conference, May 2018
11. S. Lepaja, Arianit Maraj (Corresponding Author), Sh. Berzati, “WLAN Planning and performance evaluation for commercial applications” Springer Book: Data-Centric Business and Applications - Evolvments in Business Information Processing and Management, Editors: Natalia Kryvinska, Michal Greguš, Lecture Notes on Data Engineering and Communications Technologies, Series Ed.: Xhafa, Fatos, ISSN: 2367-4512, Chapter Book
12. Arianit Maraj (Corresponding author), Sh. B. I. E., A. Sh., J. D. and E. M., “Sensing platform development for air quality measurements and analysis” SEEDA-CECNSM 2017 in Kastoria, Greece, IEEE/Scopus, 23-25 September 2017
13. M. Sh. Sh. C., Arianit Maraj (Corresponding author), “Quality of Experience (QoE) improvement by video caching implementation” SEEDA-CECNSM 2017 in Kastoria, Greece, IEEE/Scopus, 23-25 September 2017
14. A. Salihu., M. Shefkiu, Arianit MARAJ, “Characteristics and Temporal Behaviour of Internet Backbone Traffic”, 6th Conference on Computer Science and Communication Engineering, October 2017 (ICCSE 2017), Durrës, Albania
15. Arianit Maraj, E. Rogova, G. Jakupi, Xh. Grajqevci, “Testing Techniques and analysis of SQL Injection attacks”, “2nd International Conference on Knowledge Engineering and Applications, IEEE/Scopus, Imperial College London, London, United Kingdom on October 21-23, 2017
16. Arianit Maraj, G. Jakupi, E. Rogova, Xh. Grajqevci, “Testing of network security systems through DoS attacks”, “Mediterranean Conference on Embedded Computing (MECO 2017), IEEE/Scopus conference, 11-15 June, 2017
17. D. Maraj, Arianit Maraj (Corresponding author), “Implementation of gesture based applications and communication with Lego Mindstorm EV3”, “Mediterranean Conference on Embedded Computing (MECO 2017), IEEE/Scopus conference, 11-15 June, 2017
18. Arianit Maraj, A.SH, D. M, R.S “Bandwidth allocation for multiple IPTV users sharing the same link; case study Telecom of Kosovo”, published on TUBITAK, indexed in Web of Science/Thomson Reuters, Academic Journals, Accepted on December 2016, Published on 30 July 2017, Impact Factor 0.518
19. D. Maraj, Arianit Maraj (Corresponding author), A. Hajzeraj “Application Interface for gesture recognition with

Kinect sensor”, 2016 IEEE International Conference on Knowledge Engineering and Applications, September 28-30, 2016, sponsored and published by IEEE, Pages: 98 - 102, DOI: 10.1109/ICKEA.2016.7803000

20. D.M, R.S and Arianit Maraj (Corresponding author), “QoS Evaluation for different WLAN standards”, Published in: Software, Telecommunications and Computer Networks (SoftCOM), 2015 23rd International Conference on, Date of Conference: 16-18 Sept. 2015, Date Added to IEEE Xplore: 02 November 2015, Electronic ISBN: 978-9-5329-0056-9 INSPEC Accession Number: 15572387, DOI: 10.1109/SOFTCOM.2015.7314115, Publisher: IEEE
21. Maraj, D., Maraj Arianit, “Performance analysis of WLAN 802.11g/n standards using OPNET (Riverbed) application”, Published in: ELMAR (ELMAR), 2015 57th International Symposium, Date of Conference: 28-30 Sept. 2015 Date Added to IEEE Xplore: 23 November 2015, Print ISBN: 978-953-184-209-9, DOI: 10.1109/ELMAR.2015.7334513, Publisher: IEEE
22. Arianit Maraj, A. Shehu, “Bandwidth allocation and QoS analysis for multi IPTV video channels transmission through ADSL line” – This paper is published the 56th International Symposium ELMAR-2014, 10-12 September 2014, in Zadar, Croatia, IEEE proceeding.
23. Arianit Maraj, R. Sefa. “Analysis of Arrays of Printed Strip Dipole Antennas and Broadband Antennas of Six Series Fed Strip Dipoles”, International Journal of Wireless Communications and Mobile Computing. Vol. 1, No. 3, 2013, pp. 74-81. doi: 10.11648/j.wcmc.20130103.11
24. Arianit Maraj, A. Shehu, “Quality analysis for offering IPTV services in Telecom of Kosova-TK”, has been accepted for oral presentation and publication at the 55th International Symposium ELMAR-2013, 25-27 September 2013, in Zadar, Croatia, IEEE proceeding
25. Arianit Maraj, Y. Song, Y. Wang, “Rate allocation among multiple video streams in IPTV network to optimize perceptual quality” at 12th International Conference on Telecommunications ConTEL 2013-Zagreb-Croatia, IEEE proceeding, IEEE Catalog Number: CFP13533-USB, ISBN (USB): 978-953-184-176-4, ISBN (Print): 978-953-184-175-7, ISBN (IEEE Xplore): 978-953-184-180-1
26. A. Havolli, V. Shabani and Arianit Maraj, Traffic load analysis in mobile network implemented in Vala-PTK”, Recent Advances in Circuits, Communications and Signal Processing, ISBN: 978-1-61804-164-7, WSEAS conference, Cambridge-UK, February 2013
27. Adrian Shehu, Arianit Maraj, Chapter book: “Fuzzy logic approach for QoS routing analysis”, book title “Fuzzy Logic”, ISBN 978-953-51-0393-6, edited by Prof. Elmer Dadios, Intech Open Access Publisher, INDEXED by THOMSON REUTERS – Book Citation Index, 2011
28. R.Sefa, A.Sh.Maraj, Arianit Maraj, “Studying of microstrip transmission lines parameters using SONET software”, WSEAS Transaction on Communications, December 2011
29. Adrian Shehu, Arianit Maraj, Analiza e ngarkesw s w trafikut pwr ofrimin e shwrbimeve IPTV nw Telekomin e Kosovws (TiK), Buletini shkencor i UPT-se, Tirane, 2011
30. R. Sefa, F. Tefiku, Arianit Maraj, “Analysis of arrays of printed strip dipole antennas” Software, Telecommunications and Computer Networks (SoftCOM), 2011 19th International Conference, Date of Conference: 15-17 Sept, IEEE Conference, 2011
31. R. Sefa, Arianit Maraj, “Analysis and design of microstrip to balanced stripline transitions”, The 10th WSEAS International Conference on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO '11), Included in ISI/SCI Web of Science and Web of Knowledge, TLanzarote – TTSpainT
32. R. Sefa, Arianit Maraj, “Design of back-to-back tapered line transition”, The 10th WSEAS International Conference on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO '11), Included in ISI/SCI Web of Science and Web of Knowledge - TLanzarote - TTSpainT
33. R. Sefa, A. Shatri Maraj, Arianit Maraj, “Analysis of Transmission Lines Matching using Quarter-wave Transformer”, 10Pth WSEAS Internacional Conference on Applications of computer Engineering (ACE 11),

34. T. Arianit Maraj, Adrian Shehu, "The necessity of multicast for IPTV streaming" The 10th WSEAS International Conference on TELECOMMUNICATIONS and INFORMATICS (TELE-INFO '11), Included in ISI/SCI Web of Science and Web of Knowledge - T Lanzarote - T TSpainT
35. A. Hulaj, N. Cakaj, Arianit Maraj, "The analysis of different FTTH architectures in Kosova" The 5PTH Annual Meeting Of Institute Alb-Shkenca, Tiranw, 2-5 september 2010, TConference of Engineering Sciences and Information Technology
36. Adrian Shehu, Arianit Maraj, Rozeta Miho Mitrushi, "Analysis of QoS requirements for delivering IPTV over WiMAX technology" The 18th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2010), Split - Bol (island of Brac), September 23-25, 2010, IEEE
37. Arianit Maraj, Adrian Shehu, Rozeta Miho Mitrushi, "Studying of Different Parameters that Affect QoS in IPTV Systems"-9Pth WSEAS international Conference on Telecommunication and Informatics (TELE-INFO '10), Catania, Italy, May 29-31, 2010, ISSN: 1790-5117, ISBN: 978-954-92600-2-1
38. Arianit Maraj, S. Rugova "The role of Softswitching in NGN network" 8th WSEAS International Conference on DATA NETWORKS, COMMUNICATIONS, COMPUTERS (DNCOCO '09), MORGAN STATE UNIVERSITY, BALTIMORE, USA, November 7-9, 2009-ISSN: 1790-5109, ISBN: 978-960-474-134-2
39. Arianit Maraj, I. Imeri, "WiMAX Integration in NGN Network, Architecture, Protocols and Services" JOURNAL Transactions: WSEAS TRANSACTIONS ON COMMUNICATIONS - Issue 7, Volume 8, 2009-ISSN: 1109-2742
40. Arianit Maraj, S. Rugova "Analysis of routing metrics for offering IPTV over WiMAX using fuzzy logic" JOURNAL Transactions: WSEAS TRANSACTIONS ON COMMUNICATIONS - Issue 7, Volume 9, July 2010, ISSN: 1109-2742.
41. S. Rugova, Arianit Maraj, "Traffic load and cost analysis for different IPTV architectures" - 8th WSEAS International Conference on Telecommunications and Informatics (TELE-INFO '09), Included in ISI/SCI Web of Science and Web of Knowledge ISTANBUL, TURKEY, May 30 - June 1, 2009
42. S. Rugova, Arianit Maraj, "Analysis of Call scenario in NGN network"- the 8th WSEAS International Conference on Electronics, Hardware, Wireless and Optical Communication, CAMBRIDGE UNIVERSITY, UK, Included in ISI/SCI Web of Science and Web of Knowledge, February 20-23.2009
43. Arianit Maraj, "Analysis of routing metrics for providing better QoS in WiMAX technology using soft computing"-the 8th WSEAS International Conference on Electronics, Hardware, Wireless and Optical Communication, CAMBRIDGE UNIVERSITY, UK, Included in ISI/SCI Web of Science and Web of Knowledge, February 20-23.2009
44. Arianit Maraj, B. Shatri, S. Rugova, "Selection of Defuzzification method for routing metrics in MPLS network to obtain better crisp values for link optimization"- "The 7th WSEAS International Conference On System Science And Simulation In Engineering (ICOSSSE'08)" VENICE-ITALY-Included in ISI/SCI Web of Science and Web of Knowledge, 21-23 November, 2008
45. Arianit Maraj, B. Shatri, I. Limani, S. Rugova, "Analysis of QoS routing in MPLS network in Kosova using Fuzzy Logic"- WSEAS conference. CAMBRIDGE UNIVERSITY, UK, Included in ISI/SCI Web of Science and Web of Knowledge, February 20-22.2008
46. B. Shatri, I. Imeri, Arianit Maraj, "Broadband Wireless Access (BWA) Implementation in NGN Network"- International Conference on Communication Theory, Reliability, and Quality of Service CTRQ-IEEE, 2008 June 29 - July 5, 2008 - BUCHAREST, ROMANIA
47. B. Shatri, A. Abdullahu, S. Rugova, Arianit Maraj "VPN creation in IP/MPLS Network in Kosova"- ICN 2008, The Seventh International Conference on Networking- IEEE , April 13-18, 2008 - CANCUN, MEXICO

13. Trajnime –kurse			
Viti	Trajnimi		
2003	Telecommunication trends: Practical knowledge on xDSL technology (ADSL, SDSL, IDSL, VDSL) and Next Generation Networks (NGN). ISKRATEL Company, Kranj Slovenia,		
2003	Introduction to the functioning of a Company. New market and sales trends. Professional sales. Efficient project management and team work – Training Course in Portorose Slovenia,		
2005	Getting to know ArcGIS (ArcView, ArcEditor, and ArcInfo) – 3 weeks training Course in GISKOS (Geographical Information System Kosova) Company, Prishtina Kosovo,		
2005	Training for GPS (Global Positioning System)-Macedonia-Skopje-April		
2006	Training course for Alcatel 5020 Softswitch IPT (IP Telephony) environment (Antwerpen-University of Alcatel-Belgium)		
2006	Alcatel 8690 OSP (Open Service Platform) R2.3 Platform Description (Antwerpen-University of Alcatel-Belgium) - Mobility		
2006	Media Server (Antwerpen-University of Alcatel-Belgium) - Mobility		
2006	Training course for “ALCATEL SLS-Subscription Location Server”- Prishtina (from Alcatel Trainers)		
2006	Training course for “ALCATEL CPS-Common Provision Server”-Prishtina (from Alcatel Trainers): MMPS-Multimedia Phone Service, EPX-Extended Proxy Server		
2007	Training Course for BRAS (Broadband Remote Access Server)-SE400 Smart Edge-Multi Service Edge Router – Prishtina, March 2007 – (Alcatel Trainers): Edge and Service Routing, Ethernet aggregation, Software Architecture		
2009	Training for Red Hat Linux (Cactus centre, Prishtina, June 2009): <ul style="list-style-type: none">• Module RH033-Red Hat Linux Essentials,• Module RH133-Red Hat Linux System administration and• Module RH253 Network services and security administration		
2010	Alcatel University Romania; 7302-7330 ISAM /5523 AWS Operator Part 1 and 2		
2016	CRM/RIM Administration –Advanced training, Croatia-Zagreb		
14. Projekte profesionale			
Titulli i projektit/Elaboratit		Vendi	Viti
Implementimi i sistemit CRM		Prishtinë	2014
Implementimi i rrjetit NGN		Prishtinë	2006
Sfidat e sigurisë kibernetike në vendet në zhvillim		Prishtinë	2019
Wireless Security and privacy issues in Wireless Ad Hoc Networks (WAHN): Case study Kosovo		Florida, USA	2018
Quality and bandwidth allocation among multiple video streams for IPTV systems		Nju Jork, USA	2012
Implementimi, monitorimi dhe optimizimi i performancës së rrjeteve Broadband në të gjithë Kosovën-2018-2021		Prishtinë	2018

Tekstet		
Nr	Autori	Teksti
1.	Arianit Maraj	<i>Sigura dhe privatesia e te dhenave ne Internet (Data security and privacy in the Internet) - ISBN 978-9951-494-90-8</i>
16. Recenca e punimeve:		
Emri i Revistes		
<ul style="list-style-type: none"> Reviewing manuscript # Access-2017-07803 entitled "Mathematical Bottom-to-Up Approach in Video Quality Estimation Based on PHY and MAC Parameters" for IEEE Access. – Journal with Impact Factor 3.22, October 2017 Reviewing manuscript #, ID 365, “Addressing Attacks and Security Mechanism in the RPL Based IOT”, JOURNAL - Journal of Communications Software and Systems (JCOMSS) ISSN 1845-6421 (Print), ISSN 1846-6079 (Online) – SCOPUS INDEXED, 2017 Reviewing manuscript #, ID MM-007222, “Spatio-Temporal Disocclusion Filling Using Novel Sprite Cells”, IEEE Transaction on Multimedia, 2016 Reviewing manuscript # WIRE-D-17-01072, Energy and Latency-Aware Scheduling Under Channel Uncertainties in LTE Networks for Massive IoT” Wireless Personal Communication Journal with Impact Factor, date 25.10.2017 Reviewing manuscript # 406, “Theory of Algorithm Suitability on Managing Radio Resources in Next Generation Mobile Networks”, JOURNAL - Journal of Communications Software and Systems (JCOMSS) ISSN 1845-6421 (Print), ISSN 1846-6079 (Online) – SCOPUS INDEXED, 2017 		
Konferencat/Journalet si Reviewer i rregullt		
<ul style="list-style-type: none"> Reviewed: Jun 2020 for International Conference on Software, Telecommunications and Computer Networks Reviewed: May 2020 for B&H Electrical Engineering Reviewed: Mar 2020 for International Conference on Knowledge Engineering and Applications (ICKEA) Reviewed: Jan 2020 for Journal of Communications Software and Systems – Reviewed: IEEE Transactions on Circuits and Systems for Video Technology Reviewed: Apr 2019 for International Conference on Knowledge Engineering and Applications (ICKEA) IEEE Transactions on Circuits and Systems for Video Technology IEEE Transactions on Multimedia IEEE Access, Impact Factor 3.5 Reviewed: Apr 2019 for International Conference on Knowledge Engineering and Applications (ICKEA) Reviewed: Sep 2018 for Wireless Personal Communications Reviewed: Jul 2018 for Journal of Communications Software and Systems Reviewed: May 2018 for International Conference on Knowledge Engineering and Applications (ICKEA) Reviewed: Oct 2017 for Wireless Personal Communications - Reviewed: Oct 2017 for IEEE Access Reviewed: Sep 2016 for IEEE Transactions on Multimedia 		

Njohuritë e gjuhëve: (1 deri në 5: 1 shumë dobët -5 rrjedhshëm)			
Kurse			
Gjuha.	Folur	Shkrim	Lexim
English	5	4	5
Serbo-Kroatisht	4	4	5
Frenge	3	4	4
Çmime dhe anëtarësime:			
Fulbright Scholar	USA, Florida Institute of Technology		
Student i dalluar nga Universiteti i Prishtinës	Universiteti I Prishtinës		
Anëtarësimet dhe kontributet në konferenca Ndërkombëtare			
Position	Konferenca		
Chair on the scientific conferences	11-15 June, 2017, Montenegro - Session Chair on the “Mediterranean Conference on Embedded Computing (MECO 2017)” , IEEE/Scopus conference,		
TPC member (Technical Programme Committee)	TPC Member at the 10-th International Conference on Intelligent Networking and Collaborative Systems (INCoS-2018) Comenius University in Bratislava, Slovakia. September 5 - 7, 2018 http://voyager.ce.fit.ac.jp/conf/incos/2018/committees.php		
TPC member (Technical Programme Committee)	Technical Committee Member at the “2ND International Conference on Micro-Electronics and Telecommunication Engineering”, http://www.i-m.mx/srm/icmete18/committee.html , INDEX by SCOPUS 20 & 21, September, 2018, Technical-sponsors by - IEEE UP Section		
TPC member (Technical Programme Committee)	FABULOUS 2019 - 4th EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures, http://fabulous-conf.org/29-2/ , March 2019, Springer 4.		
TPC member (Technical Programme Committee)	EAI FABULOUS 2021 - 5th EAI International Conference on Future Access Enablers of Ubiquitous and Intelligent Infrastructures, https://fabulous-conf.eaiconferences.org/2021/technical-program-committee/		
Publicity Chair	7 th International Conference on Frontiers of Educational Technologies (ICFET 2021), http://www.icfet.org/		