

CURRICULUM VITAE

Personal information	
Name	Toni Malinovski
E-mail	t.malinovski@utms.edu.mk
Nationality	Macedonian
Date of birth	30.01.1971
Gender	Male
Academic Title	Assistant professor

Work experience	
• Dates (from – to)	01.09.2018 – present
• 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	Assistant professor
• Main activities and responsibilities	Teaching activities (honorary) Scientific research
• Dates (from – to)	03.11.2015 – 31.08.2018
• Name and address of employer	FON University Blvd. Kiro Gligorov 5, 1000, Skopje
• Type of business or sector	Higher education
• Occupation or position held	Assistant professor
• Main activities and responsibilities	Teaching activities (honorary) Scientific research
• Dates (from – to)	01.06.1999 – present
• Name and address of employer	National Bank of Republic of Macedonia, Blvd. Kuzman Josifovski Pitu 1, Skopje
• Type of business or sector	Financial sector
• Occupation or position held	Senior advisor in the IT department
• Main activities and responsibilities	Planning and installation of complex information and communications solutions, management of IT infrastructure projects, IT strategy development and implementation, compliance with international standards
• Dates (from – to)	12.12.1994 – 31.05.1999
• Name and address of employer	A1 Television, Pero Nakov bb, Skopje
• Type of business or sector	TV media
• Occupation or position held	Systems engineer
• Main activities and responsibilities	Design and implementation of different IT solutions, and daily IT operations

Education	
• Dates (from – to)	04.05.2011 – 13.03.2015
• Name and type of organization providing education and training	Ss. Cyril and Methodius University in Skopje Faculty of Computer Science and Engineering
• Principal subjects/occupational skills covered	Computer science and engineering
• Title of qualification awarded	Ph.D. in technical science
• Level in national classification (if appropriate)	VIII
• Dates (from – to)	01.10.1995 – 09.12.1998
• Name and type of organization providing education and training	Ss. Cyril and Methodius University in Skopje Faculty for Electro-Technical Engineering
• Principal subjects/occupational skills covered	Applied software solutions Information data structures, databases and information systems Computer networks
• Title of qualification awarded	M.Sc. in electro technical engineering, computer science
• Level in national classification (if appropriate)	VII/2
• Dates (from – to)	01.10.1989 – 12.07.1994
• Name and type of organization providing education and training	Ss. Cyril and Methodius University in Skopje Faculty for Electro-Technical Engineering
• Principal subjects/occupational skills covered	Programing Distributed computer systems Computer networks
• Title of qualification awarded	Electro-technical engineer, computer science
• Level in national classification (if appropriate)	VII/1

Publications	
2018	V. Trajkovik, T. Malinovski , T. Vasileva-Stojanovska, M. Vasileva, "Traditional games in elementary school: Relationships of student's personality traits, motivation and experience with learning outcomes", PLOS One, 13(8), e0202172, 2018 (Web of Science Journal Citation Report Impact Factor: 2.766)
2018	T. Malinovski , V. Trajkovik, T. Vasileva-Stojanovska, "Impact of Different Quality of Service Mechanisms on Students' Quality of Experience in Videoconferencing Learning Environment", Turkish Online Journal of Distance Education, 19(3), 24-37, 2018 (SCImago Journal & Country Rank, Impact Factor: 0.18)
2018	M. Vasileva, T. Malinovski , T. Vasileva-Stojanovska, V. Trajkovik, "Students' Experience during Integration of Traditional Games in the Elementary School Program", Croatian Journal of Education-Hrvatski Casopis za Odgoj i obrazovanje, 20(1), 133-172, 2018 (Web of Science Journal Citation Report Impact Factor: 0.094)

2017	I. Dimitrovska, T. Malinovski , "Creating a Business Value while Transforming Data Assets using Machine Learning", Computer Engineering and Applications Journal, vol. 6, no. 2, pp. 59-70, 2017
2017	D. Jovanoski, T. Malinovski , S. Arsenovski, "Links between strategic goals, information technology and customer satisfaction during business process reengineering", International Journal of Business Process Integration and Management, vol.8, no.3, pp. 200-213, 2017 (SCImago Journal & Country Rank, Impact Factor: 0.15)
2015	T. Vasileva-Stojanovska, M. Vasileva, T. Malinovski , V. Trajkovik, "An ANFIS model of quality of experience prediction in education", Applied Soft Computing, vol. 34, pp. 129-138, 2015 (Web of Science Journal Citation Report Impact Factor: 2.810)
2015	T. Malinovski , T. Vasileva-Stojanovska, D. Jovevski, M. Vasileva, V. Trajkovik, "Adult Students' Perceptions in Distance Education Learning Environments Based on a Videoconferencing Platform – QoE Analysis", Journal of Information Technology Education: Research, vol.14, pp. 1-19, 2015 (SCImago Journal & Country Rank Impact Factor: 0.27)
2015	T. Vasileva-Stojanovska, T. Malinovski , M. Vasileva, D. Jovevski, V. Trajkovik, "Impact of satisfaction, personality and learning style on educational outcomes in a blended learning environment", Learning and Individual Differences, 38, 127-135, 2015 (Web of Science Journal Citation Report Impact Factor: 1.565)
2014	T. Malinovski , M. Vasileva, T. Vasileva-Stojanovska, V. Trajkovik, "Considering high school students' experience in asynchronous and synchronous distance learning environments: QoE prediction model", The International Review Of Research In Open And Distance Learning, vol. 15, no. 4, 2014 (Web of Science Journal Citation Report Impact Factor: 0.690)
2014	M. Vasileva, V. Bakeva, T. Vasileva-Stojanovska, T. Malinovski , V. Trajkovik, "Grandma's Games Project: Bridging Tradition and Technology Mediated Education", TEM Journal, vol. 3, no. 1, pp.13-21, 2014 (Web of Science Emerging Sources Citation Index)
2014	T. Malinovski , M. Vasileva, V. Trajkovik, "Students' Perceptions during Integration of Computer Games in Primary Education: QoE Analysis", International Journal of Informatics and Communication Technology, vol. 3, no. 1, pp. 13-22, 2014
2012	T. Malinovski , M. Lazarova, V. Trajkovik, "Learner-content interaction in distance learning models: students' experience while using learning management systems", International Journal of Innovation in Education, vol. 1, no. 4, pp. 362-376, 2012
2012	T. Malinovski , T. Vasileva-Stojanovska, V. Trajkovik, "The Educational Use Of Videoconferencing For Extending Learning Opportunities", Video Conference as a tool for Higher Education : the TEMPUS ViCES experience, E. Caporali and V. Trajkovik (Eds), Firenze University Press, 2012, ISBN: 978-88-6655-102-7

International conferences	
2016, Bitola, Macedonia	D. Jovanoski, T. Malinovski , "Information Technology as Enabler for Business Process Reengineering–A Successful Case Study", Published in S. Gramatikov, M. Kostoska, M. Mirchev (Eds.), Proceedings of the 13th International Conference for Informatics and Information Technology, Bitola, Macedonia, pp. 69-73, 2016, 2016
2014, Berlin, Germany	T. Vasileva-Stojanovska, M. Vasileva, T. Malinovski , V. Trajkovic, "The Educational Prospects of Traditional Games as Learning Activities of Modern Students", Published in C. Busch (Eds.), Proceedings of the 8th European Conference on Games Based Learning, Berlin, Germany, pp. 749-756, 2014
2013, Ohrid, Macedonia	T. Malinovski , M. Vasileva, V. Trajkovic, "Integrating Computer Games in Primary Education for Increased Students' QoE", 5th ICT Innovations 2013 Conference, Ohrid, Macedonia, September 2013. Published in V. Trajkovic and M. Anastas (Eds.), ICT Innovations 2013, Advances in Intelligent Systems and Computing, vol. 231, pp. 35-44, Springer International Publishing, 2014
2013, Bitola, Macedonia	T. Malinovski , M. Vasileva, T. Vasileva-Stojanovska, V. Trajkovic, "Teachers' acceptance of the Smart Board in primary education schools – QoE analysis", Published in I. Mishkovski and S. Ristov (Eds.), Proceedings of the Tenth Conference On Informatics And Information Technology, Bitola, Macedonia, pp. 11-15, 2013
2012, Ohrid, Macedonia	T. Malinovski , V. Trajkovic, "Context-aware QoS: Different Approaches for Classification and Provisioning", Published in S. Markovski and M. Gusev (Eds.), Web proceedings of 4th ICT Innovations 2012 Conference, Ohrid, Macedonia, pp. 153-162, 2012
2011, Ohrid, Macedonia	T. Malinovski , V. Trajkovic, "Concept for deploying wireless in the enterprise infrastructure: Balancing security and positive QoE for the end-users", 3rd ICT Innovations 2011 Conference, Skopje, Macedonia, September 2011. Published in L. Kocarev (Eds.), ICT Innovations 2011, Advances in Intelligent and Soft Computing, vol. 150, pp. 95-105, Springer-Verlag, Berlin Heidelberg, 2012
2011, Rim, Italy	T. Malinovski , V. Trajkovic, D. Davcev, "Students' perceived QoE in videoconferencing based e-learning system", 5th International GUIDE Conference, Rim, Italy, November 2011
2011, Florence, Italy	V. Trajkovic, D. Davcev, T. Malinovski , E. Palmisano, E. Caporali, J. Valdisari, "Videoconferencing – based educational system: a case study", eChallenges e-2011 Conference, Florence, Italy, October 2011. Published in P. Cunningham and M. Cunningham (Eds.), eChallenges e-2011 Conference Proceedings, IIMC International Information Management Corporation Ltd, 2011
2011, Ohrid, Macedonia	D. Davcev, V. Trajkovic, Z. Stafilov, T. Malinovski , G. Mirceva, "Videoconferencing Educational System – QoE Analysis", Sixth International Conference - Computer Science'2011, Ohrid, Macedonia, September 2011

Research projects	
TEMPUS	Tempus Project 144650-TEMPUS-2008-IT-JPGR, Video Conferencing Educational Services (2009-2012)
Faculty of Computer Science and Engineering, Ss. Cyril and Methodius University - Skopje	Methodology for increasing of Quality of Experience from educational games (MIQEEG) (2017 -)

Work projects	
2017	National Bank of the Republic of Macedonia compliance with SWIFT Customer Security Controls Framework
2015	Introducing risk management process in the IT Department in National Bank of the Republic of Macedonia, as part of the overall company's risk management change initiative
2013	Enabling flexibly and competition for telecom operators while connecting banks and other financial institutions to the private financial network for international payments and reporting to the National Bank of the Republic of Macedonia
2012	Planning, design and implementation of corporate BC/DR solution, including Microsoft HyperV virtualization, SAN and LAN integration, storage Implementation and migration of the current infrastructure
2010	Design and implementation a wireless solution based on Cisco technology in large financial institution for LAN access and mobile working, with the necessary security features for authentication, authorization and accounting
2009	Re-structuring of the IT Department in National Bank of the Republic of Macedonia according to ITIL/ISO27000 international standards and best practices, as well development of internal regulations and appropriate work procedures
2008	Planning and coordination among involved parties, design and implementation of a remote access high availability solution built on a next-generation network security services with stateful network inspection, proactive protection against threats and possibility for secure remote connection from unsecure computers and VPN connection from different mobile devices
2006	Design, implementation and support of an Intrusion prevention system in a large financial institution, based on Cisco technology, including management and monitoring/logging, with the implementation of the necessary policies for traffic analysis and response to different threats
2002	Redesign, implementation and support of company's local area network, segmentation through implementation of local VLANs with the necessary switch security features
1999	Planning and coordination among involved parties, design and implementation of a private financial network in the Republic of Macedonia in a secure manner using a service provider network, with the necessary high availability and redundancy features

IT certificates	
Cisco	Cisco Certified Internetwork Expert # 24743
Cisco	Cisco Certified Network Professional
Cisco	Cisco Certified Network Professional Voice
Cisco	Cisco Certified Network Professional Security
Cisco	Cisco Certified Internetwork Professional
Cisco	Cisco Data Center UF Support Specialist
Cisco	Cisco Data Center Storage Networking Support Specialist
Cisco	Certified Cisco Systems Instructor # 30509
Microsoft	Microsoft Certified Solutions Associate for Windows Server 2012
Microsoft	Microsoft Certified IT Professional: Enterprise Administrator on Windows Server 2008
Microsoft	Microsoft Certified IT Professional: Server Administrator on Windows Server 2008
Microsoft	Microsoft Certified Technology Specialist: Windows 7, Configuration
Microsoft	Microsoft Certified Systems Engineer for Win2003
Microsoft	Microsoft Certified Systems Engineer for Win2000
Microsoft	Microsoft Certified Trainer
IPv6 Forum	Certified Network Engineer (Gold)
NSA and CNSS	4013 Recognition