

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	Associate Professor

Work Experience

• Dates (from - to)	01.09.2018 –
• 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
• Job Title	Professor
• Main activities and responsibilities	Teaching activities 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
• Job Title	Professor
• Main activities and responsibilities	Teaching activities Scientific research
• Dates (from - to)	01.06.1999 –
• Name and address of employer	National Bank of Republic of North Macedonia, Blvd. Kuzman Josifovski Pitu 1, Skopje
• Type of business or sector	Financial sector
• Job Title	Information Security, Personal Data Protection and Classified Information Function
• Main activities and responsibilities	Improving the security of information and information assets, monitoring and controlling the compliance of internal regulations and operations of the bank pertaining to personal data protection and security of classified information.
• 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
• Job Title	Systems engineer
• Main activities and responsibilities	Design and implementation of different IT solutions, and daily IT operations

Education and training

• 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

2021	Ivana Dimitrovska, Toni Malinovski, Dane Krstevski, "Machine leaning solution based on gradient descent algorithm for improved business process outcomes", International Journal of Business Innovation and Research, vol. 24, no. 4, pp. 555-570, 2021 (SCImago Journal & Country Rank, Impact Factor: 0.298)
2020	Toni Malinovski, Dane Krstevski, "Factors influencing employees' experience after business process redesign", International Journal of Management and Enterprise Development, vol. 19, no. 1, pp.74-88, 2020 (SCImago Journal & Country Rank, Impact Factor: 0.17)
2019	Lucija Gjurovikj, Toni Malinovski, "Information and Communication Technology Driven Process Reengineering for Content Monitoring: a Case from Public Sector in Macedonia", International Journal of Information Systems and Social Change, vol. 10, no. 1, pp. 23-36. 2019

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	Ivana Dimitrovska, Toni 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	Dragan Jovanoski, Toni Malinovski, Sime 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, 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 Journal 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

2025, Skopje, Macedonia	J. Pehcevski, L. Djinevski, S. Arsenovski, T. Malinovski, "From Text Generation To Agency: The Operationalization Of Generative Ai In Enterprise Ecosystems", Published in Conference Proceedings of the Emerging Technologies And New Challenges, International Conference, University of Skopje, November 2025, Skopje, Macedonia, pp. 56- 64, 2025
2025, Skopje, Macedonia	T. Malinovski, S. Arsenovski, J. Pehcevski, L. Djinevski, "Improving Employee Phishing Attack Detection For Stronger Organizational Security Posture ", Published in Conference Proceedings of the Emerging Technologies And New Challenges, International Conference, University of Skopje, November 2025, Skopje, Macedonia, pp. 65- 85, 2025
2016, Bitola, Macedonia	Dragan Jovanoski, Toni 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. Trajkovik, "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. Trajkovik, "Integrating Computer Games in Primary Education for Increased Students' QoE", 5th ICT Innovations 2013 Conference, Ohrid, Macedonia, September 2013. Published in V. Trajkovik 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. Trajkovik, "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. Trajkovik, "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, Skopje, Macedonia	T. Malinovski, V. Trajkovik, "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. Trajkovik, D. Davcev, "Students' perceived QoE in videoconferencing based e-learning system", 5th International GUIDE Conference, Rim, Italy, November 2011
2011, Florence, Italy	V. Trajkovik, D. Davcev, T. Malinovski, E. Palmisaro, 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) (2017-2020)

Selected IT certificates

Cisco	Cisco Certified Cisco Systems Instructor # 30509
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 Data Center UF Support Specialist
Cisco	Cisco Data Center Storage Networking Support Specialist
Cisco	Cisco Certified Networking Associate Wireless
Microsoft	Microsoft Certified Trainer
Microsoft	Microsoft Certified: Azure Administrator Associate
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
IPv6 Forum	Certified Network Engineer (Gold)
NSA and CNSS	4013 Recognition