Westminster International University in Tashkent

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Personal Information

Name	Olga Yugay
Faculty / Dept	Business Information Systems
Job Title	Lecturer

Higher Education Qualifications

Dates	Qualification	Awarding Body
2022-2030	MPhil/PhD, Computer ScienceMPhil/PhD, Computer Science	The University of Westminster
2003-2007	Bachelor of Science in Business Computing	The University of Westminster
2008-2010	Master of Engineering	Dongguk University
2012	Postgraduate Certificate of Special Study in Teaching and Learning	The University of Westminster

Other qualifications/professional body membership/honours

Dates	Qualification/Honour	Awarding Body
Dec 2022	UoW and WIUT research collaboration fund. Received approval for funding research on topic "IoT Based Smart Classroom/ Campus using Artificial Intelligence"	Westminster International University in Tashkent
Sep 2022	Letter of appreciation for being most effective service-oriented colleague of the academic year 2021-2022	Westminster International University in Tashkent
Dec 2019	Scopus Award in Research about Mass-media and communications	Elsevier and Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan
Oct 2015	UoW and WIUT research collaboration fund. Received approval for funding research on topic "Use of social media statistics to assess expected number of applicants to UK Universities"	Westminster International University in Tashkent

Teaching Experience:

2003 - 2004: Westminster International University in Tashkent, Teaching assistant
2010 - present*:* Westminster International University in Tashkent, Lecturer

Research and innovation measurable outputs:

Google Scholar profile; https://scholar.google.com/citations?user=Xq_FpJ4AAAAJ&hl=en
ResearchGate profile: https://www.researchgate.net/profile/Olga-Yugay

[1] Olga Yugay, Natalia Yerashenia and Djuradj Budimir, "IoT based Machine Learning Models for Efficient Classroom Usage using Timetabling Data", WIUT-UW Computing Conference 2023: Digitalisation and Digital Transformation over Silk Road, 17 May 2023, Tashkent, Uzbekistan.

[2] Olga Yugay, Natalia Yerashenia, Djuradj Budimir, "Study of Machine Learning Models for IoT Based Efficient Classroom Usage", The 23rd International Conference on Next Generation

Wired/Wireless Advanced Networks and Systems (NEW2AN2023), American University in the Emirates, 21-22 December 2023, Dubai, UAE. https://westminsterresearch.westminster.ac.uk/item/w822x/study-of-machine-learning-models-for-iot-based-efficient-classroom-usage or https://link.springer.com/chapter/10.1007/978-3-031-60994-7_21

[3] Hemanth Kumar Asokan, Muharrem Maloku, Olga Yugay and Djuradj Budimir, "Monitoring of Classrooms Incorporating IoT Detection Sensors", International Conference on Circuits, Systems, Communications and Computers (CSCC2024), 19-22 July 2024, Heraklion, Crete Island, Greece.

[4] Cihan Ucar, Muharrem Malok, Olga Yugay, and Djuradj Budimir, "IoT Motion Detection Sensors for Monitoring in a Smart Campus", Mediterranean Conference on Embedded Computing (MECO'2024) & International Conference on Cyber-Physical Systems and Internet-of-Things (CPS&IoT'2024), 11-16 June 2024, Budva, Montenegro.

[5] Hemanth Kumar Asokan, Muharrem Maloku, Olga Yugay and Djuradj Budimir, "IoT Motion Detection Sensors for Monitoring in a Smart Campus", 20th Annual International Conference on Information Technology & Computer Science, 20-23 May 2024, Athens, Greece.

[6] Olga Yugay, The Resource Effective IoT based Smart Campus May 18, 2022, WIUT-UoW Computing Conference 2022: Digitalisation and Digital Transformation over Silk Road

[7] Vasiliy Kuznetsov, Yugay Olga, Dilnoza Muslimova, Dilnoza Muslimova, Aziz Nasridinov, "An Assessment of University Attractiveness Using Social Media", Journal of Computational and Theoretical Nanoscience, Advanced Science Letters · Sep 1, 2016, https://doi.org/10.1166/asl.2016.7839

[8] Yim Jaegeol, Olga Yugay, "Introducing Global Learning System for International Credit Exchange Program" Proceedings of International Conference "Innovation for sustainable development and its impact on welfare improvement and societal change", Westminster International University in Tashkent Oct 10, 2013

[9] Yim Jaegeol, Olga Yugay, Open Web Learning Platform, Oct 10, 2013, Proceedings of International Conference "Innovation for sustainable development and its impact on welfare improvement and societal change", Westminster International University in Tashkent

[10] Olga Yugay, Insoo Kim, Beomjune Kim Franz I. S. Ko, "Extended hybrid genetic algorithm for solving Travelling Salesman Problem with sorted population", Korean Institute of Academic Technology Transactions, Vol 11, # 6, 2010, https://www.kais99.org/jkais/journal/v11n6/45/42a7.html

[11] Olga Yugay, Beomjune Kim, Hui-seong Na, Franz I. S. Ko, "Secure and Fast Multimedia Digital Content Distribution System Based on a Partial Encryption and Group-Key", Convergence and Hybrid Information Technology, 2008. ICCIT '08. Third International Conference Volume: 2, https://ieeexplore.ieee.org/document/4682380

[12] Olga Yugay, Lee Tae Kyung, Franz I. S. Ko, "Reinforcement learning coordination with combined heuristics in multi-agent environment for university timetabling", Proceedings of the 2nd International Conference on Interaction Sciences: Information Technology, Culture and Human 2009, Seoul, Korea, 24-26 November 2009, https://dl.acm.org/doi/10.1145/1655925.1656106

[13] Olga Yugay, Aleksey Semyonov, Il Seok Ko, Sarvar Abdullaev, "Analysis and Implementation of M-commerce in Education for Developing Countries (Uzbekistan case)", Sep 2007 Journal of Convergence Information Technology, Vol. 2, Num. 3