

Full name: Duisenov Nurzak Zheztaevich	
Education:	
2000	M.Auezov SKSU, specialty: "Applied Mathematics", qualification: mathematician-programmer
2002	M.Auezov SKSU Master's degree, specialty: "Applied Mathematics", qualification: Master of Mathematics
2007	Candidate of M.Auezov SKSU in the direction 05.17.08 – "Processes and applications of chemical technologies"
2008	Awarded the degree of Candidate of Technical Sciences
Work experience:	
<i>Academic:</i>	
<i>Work in this organization: Miras University</i>	
2009 – present	Candidate of Technical Sciences, Senior Lecturer in the IT and Telecommunications sector
2009 – present	Software development tools, Planning and organization of scientific research, Algorithms and their complexity, Cryptology, Mathematical optimization methods, Optimization methods and operations research, Numerical methods, Modern information processing systems, Digital data processing, Artificial intelligence systems, Expert and intelligent systems, Object-oriented programming in Java, Information theory, Software Development Management, JavaScript scripting Language
2009 – present	part-time
<i>Previous jobs in educational institutions: M.Auezov SKSU</i>	
2000-2010	Senior Lecturer, Acting Associate Professor of the Department of Computer Engineering and Software
2006-2010	Software development tools, Fundamentals of Information Security, Optimization Methods, Fundamentals of Game Theory and Operations Research, Cryptographic Methods of protection.
2006-2010	full-time
Professional development:	
2019	Development of real-time systems on the SCADA Trace Mode platform. Bilikti maman LLP, 72 hours, 2019
2020	Features of teaching disciplines of the natural-mathematical cycle using distance learning technologies, LLP "Multidisciplinary Center for Continuing Education", 72 hours, 2020
Awards and prizes:	
2012	Certificate of Honor of the President of Miras University
Publications and presentations:	
2015	New Approach to Modeling Polystyrene Production Process. CHEMICAL ENGINEERING TRANSACTIONS, Milan, VOL. 43, 2015, p. 1759-1764.
2016	Features of network educational resources // Bulletin of Kazntu im. K. Satpayeva (scientific journal), Almaty 2016, No. 4, pp. 84-87.
2016	Climate forecasting software// Bulletin of Kazntu named after K.Satpayev (scientific journal), Almaty, 2016, No. 4, pp. 77-81.
2017	Optimization problems of chemical reactors for the production of polymer plastics. Bulletin of Kazntu, Scientific journal, No.3(121), Almaty, 2017, pp. 55-58
2017	Methods for creating new cryptosystems for Information Protection. Bulletin of Kazntu, scientific journal, No. 3 (121), Almaty, 2017, pp. 286-291.
2018	Cryptography is a science dealing with information transformation methods. International conference of industrial technologies and engineering (ICITE

	2018) T.№2. Shymkent, Kazakhstan, 2018. P. 9-12.
2018	Methods for creating a software product using cryptographic transformation algorithms. Bulletin of Kazntu, scientific journal, No. 6 (130), Almaty, 2018 P. 115-121.
2018	Designing a switching network of data transmission. Scientific journal: Bulletin of the Kazakh Head Architectural and Construction Academy, No. 1(67), 2018, Almaty, pp.241-247.
2018	Development of algorithms for filtering information flows in industrial process control systems. Bulletin of Kazntu, Scientific journal, No.3(127), Almaty, 2018. pp. 338-343.
2018	Methodology for the development of mathematical models of industrial processes based on measurements of the main technological parameters of the process. Bulletin of Kazntu, scientific journal, No.3(127), Almaty, 2018. pp. 343-347
2018	Design of the mathematical support of the information management system. International Congress of Social Sciences. Istanbul, Turkey, 2018. pp. 877-884.
2018	Methods for designing and building cryptosystems that ensure information security. International Congress of Social Sciences. Istanbul, Turkey, 2018. Pp. 905-910
2019	Design and assembly of software in the field of implementation of methods and models of mobile application development // Journal Vestnik Kazntu, No. 3(133), Almaty, 2019, STR.166-172
2019	MATHEMATICAL MODEL OF INDUSTRIAL STYRENE POLYMERIZATION PROCESS FOR INFORMATION MANAGEMENT SYSTEM. Bulletin of Kazntu named after K.Satpayev (scientific journal), Almaty 2019, No. 6(136), pp.774-779.
2019	Modern methods of information protection// Magyar Tudományos Journal (scientific journal), Hungary, 2019., No. 29, pp. 50-55.
2020	APPLICATION DEVELOPMENT ON THE PLATFORM. NET FRAMEWORK... Bulletin of Kazntu named after K.Satpayev (scientific journal), Almaty 2020, No. 1(137), pp.302-307
2020	BASICS OF MOBILE APPLICATION DEVELOPMENT IN ANDROID STUDIO ENVIRONMENT. Bulletin of Kazntu named after K.Satpayev (scientific journal), Almaty 2020, No. 1(137), pp.307-312
2021	"Science of higher schools 2021" -material of the international scientific and practical conference. - Shymkent: typography "Alem", 2021. - Vol. 1. -522 P., ISBN 978-9965-19-342-2, research on the effectiveness of web technologies for software products, 84-89
New scientific developments:	
2018	Modern methods and tools for creating software: a textbook.- Shymkent University "Miras", 2018 ISBN 978-9965-895-78-4
2019	Big Data Management, Tutorial.-Shymkent: MIRAS University, 2019. ISBN 978-9965-32-851-0.