

Resume of the faculty

Full name: Zozulya Elena Sergeevna	
Education:	
2002 - 2007	Ekibastuz Engineering and Technical Institute named after academician K. Satpayev, specialty "Information Systems", systems engineer
2018-2020	Kazakhstan Innovation Academy, Master of Technical Sciences with degree in Information Systems
2022 -2024	Alkey Margulan Pavlodar Pedagogical University, Bachelor of Computer Science
Work experience:	
<i>Academic:</i>	
<i>Work in this organization</i>	
2007 - 2009	Lecturer at the Department of Automation and Control <i>Employment: full time</i>
2009 -2011	Lecturer at the Department of Information Systems (part-time) <i>Employment: part-time</i>
2011 - 2018	Senior Lecturer of the Department "Automation and Information Systems" (part-time) <i>Employment: part-time</i>
2018-2019	Senior Lecturer of the Department "Automation and Information Systems" <i>Employment: full time</i>
2020-2021	Head Department "Automation and Information Systems", Senior Lecturer of the Department <i>Employment: full time</i>
2021 - up to now	Senior Lecturer of the Department "Automation and Information Systems" <i>Employment: full time</i> List of disciplines taught: Microcontroller Programming, Mobile Application Development, Software Development Technologies, Introduction to SQL NoSQL, NewSQL, Data Structures Algorithms and Programming
<i>Previous places of work in educational organizations:</i>	
<i>Non-academic:</i>	
<u>2008-2009.</u>	Methodist of electronic educational materials' laboratory at the Department of Information Systems (part-time)
2009-2018.	Leading programmer of the Computing Center EETI named after academician K. Satpaev.
Professional development:	
2022	Certificate in "Optimization Methods in Automated Control Systems (ACS)", Non-Government Centre for Quality Assessment, Certificate No. NTsOK – 7.37, 72 hours.
2022	Certificate in "Databases in Information Systems", Non-Government Centre for Quality Assessment, Certificate No. NTsOK – 8.13, 72 hours.
2022	Certificate in "Computer Networks and Modeling. Circuit Design.", Non-Government Centre for Quality Assessment, Certificate No. NTsOK – 8.64, 72 hours.
2023	Certificate in "Algorithms, Data Structures and Programming, C++ Programming, C# Programming Technology", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-204, 72 hours.

2023	Certificate in "Fundamentals of Amazon Web Services (AWS) Cloud Technologies", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-124, 72 hours.
2023	Certificate in "Microcontroller Programming. Robotics", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-125, 72 hours.
2023	Certificate in "Mobile Application Development, Java Programming", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-205, 72 hours.
2023	Certificate in "Virtual and Augmented Reality Technologies", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-126, 72 hours.
2023	Certificate in "Big Data Processing and Storage Technologies. Introduction to SQL, NoSQL, NewSQL", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-207, 72 hours.
2023	Certificate in "Software Development Technologies, Software Design for IoT Systems", Centre for Training and Retraining of Personnel for the Thermal Power Industry Complex, Certificate No. 23-206, 72 hours.
2023	Certificate in "Mobile Application Development on the Glide Platform", Zerocoding University, 72 hours.
2023	Certificate in "UX/UI Start", Aitilogia, 72 hours.
2023	Certificate in "Website Development on the Tilda Platform", Zerocoding University, 72 hours.
2023	Certificate in "Frontend Start", Aitilogia, 72 hours.
2024	Certificate in "Robotics, 3D Modeling, Programming", STEM Academia LLP, Astana, Kazakhstan.
2025	Certificate of Successful Completion of the Tech Orda Program, Certificate No. Asthb-6097 "Artificial Intelligence. Basic Course", 260 hours, Kazakhstan, Astana, Product Bee.
2024	Certificate of Successful Training Completion No. 000000442914-05112024 "Data Scientist", 72 hours, UNDP Kazakhstan.
2025	Certificate of Successful Training Completion No. 127 "The Use of AI in the Higher Education and Science System" Certificate No. 087047, 72 hours, Kazakhstan, Almaty, M. Tynyshpayev ALT University JSC.
2025	Certificate in "Fundamentals of Artificial Intelligence", ASTANA HUB.
Membership in professional organizations:	
From 2021	Party «AMANAT»
Awards and prizes:	
2024	Honorary Charter of the Ekibastuz City Maslikhat
2025	Letter of Appreciation for preparing students to participate in the Olympiad in Computer Science and Programming. Innovative University of Eurasia (InEU), Pavlodar.
Service activities:	
Publications and presentations:	
2025	"Data Storage Mechanisms in the Browser: Comparing LocalStorage, SessionStorage, and Cookies". Improving the Quality of Education, Modern Innovations in Science and Production. Ekibastuz, Prokopyevsk, 2025 Co-author: Novikov V.V.
2025	"The Effectiveness of Using Mobile Applications for Teaching Children with Special Educational Needs". Improving the Quality of Education, Modern Innovations in Science and Production. Ekibastuz, Prokopyevsk, 2025

	Co-authors: Popova A.V., Tsoy A.Zh.
2025	"Vibe-Coding: A Revolution in Software Development Through AI-Generated Code" Improving the Quality of Education, Modern Innovations in Science and Production. Ekibastuz, Prokopyevsk, 2025 Co-authors: Eralymova G.S., Chub B.L.
New scientific developments:	
2022-2023	Research Project "Development of a Software Product for Automating the Collection, Accounting, and Distribution of the Educational and Methodological Complex of EKITI Disciplines". Co-authors: A.B. Kydyrbayeva, T.B. Akishev, E.S. Zozulya, R.B. Beisembayev, A.M. Makarov
2022	Study Guide "Programming Technology". Authors: E.S. Zozulya, S.V. Bystrova (ISBN 978-601-7609-75-7)
2024	Educational and Methodological Manual "Foundations of Information and Coding Theory" (<i>Ақпарат және кодтау теориясының негіздері</i>). Authors: M.K. Kozhamzharova, E.S. Zozulya (ISBN 978-601-7609-89-4)
2025	Study Guide "Virtual and Augmented Reality Technologies". Authors: E.S. Zozulya, G.S. Eralimova, V.V. Novikov (Certificate of Authorship No. 53952 dated January 28, 2025, ISBN 978-601-7609-96-2)
2025	Study Guide "Virtual and Augmented Reality Technologies" (<i>Виртуалды және кеңейтілген шындық технологиялары</i>). Authors: M.K. Kozhamzharova, E.S. Zozulya, D.M. Sivaraksha (Certificate of Authorship No. 55317 dated February 26, 2025, ISBN 978-601-7609-97-9)
Additional Information:	
2023	First Degree Diploma. Regional Online Contest "Pedagogical Ideas" for Teachers of General Secondary and Additional Education.
2024	Second Degree Diploma. Republican Hackathon "KuickHack'2024".
2024	Third Degree Diploma. Republican Hackathon "KuickHack'2024".
2024	First Degree Diploma. Regional Contest "Pedagogical Excellence", "Additional Education" category.