

Full name	Issainova Aliya	
e-mail, URL.	Issainova_an@enu.kz	
If the lecturer is featured on university's website, please indicate that.	https://fit.enu.kz/storage/ISecResumeIssainovaEn.pdf	
Position (indicate full or part-time employment, if part-time, indicate the type of main activity and the time (in percent) spent on it).	Senior Lecturer (full-time)	
What university, in what specialty and when graduated. Academic degree, title.	1999-2003 - E.A.Buketov Karaganda State University, Karaganda, Faculty of Mathematics, specialty Applied Mathematics; 2003-2005 - L.N. Gumilyov ENU , Master's degree, specialty: 6D060200 – Computer Science 2006-2008 - L.N. Gumilyov ENU , postgraduate course, specialty: 6D060200 – Computer Science 2018-2021 - L.N. Gumilyov ENU , PhD doctorate, specialty: 6D070400 – Computer Engineering and Software Master of Computer Science	
Work in the unit, including dates of employment and positions held.	From 2021 to the present, L. N. Gumilev Eurasian National University. Department of Information Security. Faculty of Information Technology. Senior lecturer. 2010 – 2021 – L. N. Gumilev Eurasian National University. Department of Computer Science and Information Security. Faculty of Information Technology. Senior lecturer.	
Work in other divisions and organizations (indicate dates and positions held).	2006 – 2010 L. N. Gumilyov Eurasian National University. Department Of Computer Engineering. Faculty of Mathematics and Information Technology. Senior lecturer. 2003-2006 L. N. Gumilyov Eurasian National University. Department of Computer Engineering and Information Systems. Faculty of Mathematics and Information Technology. Teacher.	
Main scientific interests.	Information security, noise-resistant coding, fundamentals of cybersecurity.	
Main publications in the last 5 years.	The Hirsch index according to the Scopus database: 1 1. Effective Multithreshold Decoding Algorithms for Wireless Communication Channels. APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES – AIST2016. Baku, 2016 2. Software tools for error correction in telecommunication systems – Monograph. Astana, 2017. Page 146 3. Algorithms and methods of noise-resistant coding. Methodological recommendations for practical work. Stipend. -2019. 4. Design and modeling of serial and parallel cascade schemes of noise-resistant coding Bulletin of L.N.Gumilyov ENU 2/2019 5. Study of the parameters of the effectiveness of direct error correction methods COLLECTION OF MATERIALS of the XIV International Scientific Conference of Students and Young Scientists "GYLYMJÁNEBILIM - 2019" 6. Analysis of the effectiveness of using recursive and non-recursive convolutional codes in turbo coding XI International scientific and practical conference of students, postgraduates, young scientists "Information technologies in science, business and education" 2020. 7. Simulation modeling of a block binary multi-threshold decoder in a binary symmetric communication channel ENBEKTERI UNIVERSITY • PROCEEDINGS OF THE UNIVERSITY 2021. No. 2.	

Subjects and courses taught in the current academic year (by semesters), number of hours of lectures per week, seminars and laboratory classes.	<p>Fall Semester, Hardware of computing systems and virtualization technologies (OP 6B06306 – "Information security systems", 1st year) – lecture (1 hour), practice. lesson (1 hour), lab. lesson (1 hour)); Database protection (OP 6B06306 – "Information security systems", 4th year) – lecture (1 hour)). Spring Semester, Fundamentals of cybersecurity (OP 6B06306 – "Information security systems", 2nd year) – lab. lesson (1 hour); System programming (OP 6B06306 – "Information security systems", 3rd year) – laboratory. lesson (2 hours); Programming in C++ (OP 6B06306 – "Information security systems", 1st year) – laboratory. lesson (2 hours), practice. lesson (1 hour).</p>
Other duties performed during the school year, number of hours per week. Check if they are paid extra.	<p>Deputy Head of the Department, Responsible for the distribution of teaching load, Adviser to 1st year students.</p>
Training	<p>1) 13/09/21 – 24/09/21 Apprentissage distance: application des technologies numériques dans les établissements d'enseignement en Europe Certificate; 2) 19/10/21 – 07/12/21 IT Essentials: PC Hardware and Software Certificate; 3) 7/01/22 – 20/01/22 Introduction to Cybersecurity Certificate; 4) 06/19/2017 - 06/30/2017. LIT JINR, Dubna , Moscow region, Russia. Refresher course on "Data Science and Big Data Analytics"</p>