

Reference

of the applicant for the academic title of associate professor in the scientific field 21100 – Computer Science and Informatics

№	Information	Details
1	First name, surname (if any)	Yagaliyeva Bagdat Yessenovna
2	Academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile or academic degree of Doctor of Philosophy (PhD), Doctor of profile, date of award)	Candidate of Physical and Mathematical Sciences, Order No. 4 dated May 4, 2011, Diploma No.: FK No. 0007114.
3	Academic title, date of award	—
4	Honorary title, date of award	—
5	Position (date and number of the appointment order)	Associate Professor of the Department “Cybersecurity, processing and storage of information”, KazNRTU named after K. I. Satpayev (appointment order No. 1711 dated 14.08.2023)
6	Experience of scientific and pedagogical activity	19 years and 5 months, including 2 years 5 months, as an associate professor
7	Number of scientific articles after defending a dissertation / obtaining the academic title of associate professor	<p>The total number of published scientific works after defending the dissertation is more than 40, including:</p> <ul style="list-style-type: none"> • 16 articles in international peer-reviewed journals indexed in Scopus and Web of Science, including: <ul style="list-style-type: none"> – 1 article published in a journal with a percentile of 86; – 1 article published in a journal with a percentile of 72; – 4 articles published in journals with a percentile above 30; • 6 articles published in journals recommended by the Committee for Quality Assurance in the field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan; • 11 articles in other scientific journals and publications; • 7 publications in proceedings of international conferences; • 4 copyright objects. <p>Hirsch Index (h-index):</p> <ul style="list-style-type: none"> – according to Web of Science – 2 ; – according to Scopus – 4.
8	The number of monographs, textbooks, single-handedly written educational	<ul style="list-style-type: none"> • 4 monographs (co-authored): 2014, 2022, 2025; • 1 учебное пособие / teaching manual (co-authored): 2022.

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	(teaching and methodological) manuals published over the past 5 years	
9	Persons who have defended their dissertation under his supervision and have an academic degree	-
10	Laureates, prize-winners of national, international and foreign competitions prepared under his leadership	<p>Under her supervision, student O. Utebay became the winner (1st place) of the national stage of the international competition Huawei ICT Competition 2023–2024 in the Computing Track, and also received the Grand Prize at the regional stage for the Middle East and Central Asia, held in Bahrain.</p> <p>In addition, under her supervision, K. Erkenov became the Grand Prize winner of the international competition “The Best Student and the Best Student Project”, organized by the International Academy of Science, Culture and Art (IASC) (Paris, France, March 2024).</p>
11	Champions or prize-winners of the World University Games, Asian Championships, Asian Games, Europe, World or Olympic Games prepared under his leadership	-
12	Additional information	<ul style="list-style-type: none"> • Scholarship holder of the Bolashak Program (“500 Scientists”), May 27, 2024 – May 25, 2025; University of Illinois at Urbana-Champaign (USA), QS Ranking #64; • AP23489999 – Development of an intelligent technology and digital platform for adaptive zoning of territories under conditions of climate dynamics, Ministry of Science and Higher Education of the Republic of Kazakhstan, Satbayev University, 2024–2026, Scientific Supervisor; • AP08855887 – “Development of an intelligent decision support system in the process of investing in cyber security systems”, Ministry of Science and Higher Education of the Republic of Kazakhstan, YU, 2020–2022, Responsible Executor; • BR05236699 – “Development of a digital adaptive educational environment using large-scale data analytics”, Ministry of Science and Higher Education of the Republic of Kazakhstan, SDU, 2018–2020, Responsible Executor;

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		<ul style="list-style-type: none"> “Development of a national software complex for solving problems of the oil and gas industry”, Ministry of Science and Higher Education of the Republic of Kazakhstan, KBTU, 2015–2017, Leading Researcher; “Development of intelligent systems for auditing and management of information security”, Ministry of Science and Higher Education of the Republic of Kazakhstan, KBTU, 2012–2014, Leading Researcher; “Methods for studying the statics and dynamics of buried cavities in elastoplastic and anisotropic rock masses”, Ministry of Science and Higher Education of the Republic of Kazakhstan, IMMash, 2012–2014, Leading Researcher.

**Director of the Institute of Automation
and Information Technologies,
Satbayev University**

Y.A. Daineko

15.01.2026

