

ULZHAN T. MAKHAZHANOVA

Contact details:

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Professional experience:

- 2022 present Associate Professor of the Department "Information Systems", L.N. Gumilyov ENU, Astana
- 2020– 2021 senior lecturer of the Department of Information Systems, L.N. Gumilyov, Astana
- 2019- 2020 senior lecturer of the department "SRS and Art Management", KazNUA, Astana
- 2017- 2019 Senior Lecturer of the Department of Informatics and Applied Economics, KazUEFMT, Astana
- 2013- 2017 Senior Lecturer of the Department of Information Systems, L.N. Gumilyov ENU, Astana
- 2011 -2013 Lecturer at the Department of Information Systems,

Academic degree and title, scientific school: **Doctor of Philosophy (PhD)** in specialty 6 D 070300 – Information systems

Research interests: Data analytics, big data, fuzzy logic, programming technology

Education:

- 2017-2020 Doctor of Philosophy (PhD) specialty
 6D070300 "Information systems". Eurasian National University named after L.N. Gumilyov, Astana;
- 2004-2008 bachelor in the specialty 050111-Informatics,
 L.N. Gumilyov ENU, Astana;
- 2008-2011 Master in specialty 6N0111 Informatics,
 L.N. Gumilyov ENU, Astana.

Scientific grants:

- from 2023 to the present senior researcher No. 171/36-21-23 dated April 13, 2021, on the topic: AP09259435 "Development of intelligent information technology to support decision-making to improve the efficiency of intersectoral relations";
- 2020-2022 Researcher, grant of the Ministry of Education and Science of the Republic of Kazakhstan on the topic: No. AP08855497 "Model-theoretic and algorithmic properties of algebraic structures" (under contract No. 321 dated November 19, 2020)
- 2018-2020 Researcher of the grant of the Ministry of Education and Science of the Republic of Kazakhstan on the topic: No. AP05132349 "Computability, interpretability and algebraic structures" (under contract No. 132 of March 12. 2018 r).

Courses taught:

- Information systems in economics
- Big data analysis
- Mobile Application Development
- Web programming

Publications (selected):

Scopus, WoS:

1. Ulzhan Makhazhanova , Seyit Kerimkhulle, Aigulim, Ayagoz Mukhanova, Bayegizova , Zhankeldi Aitkozha, Ainur Mukhiyadin, Bolat Tassuov, Ainur Saliyeva , Roman Taberkhan, Gulmira Azieva . The Evaluation of Creditworthiness of Trade and Enterprises of Service Using the Method Based on Fuzzy Logic// Journal Applied Sciences 12 (22), 11515; https://doi.org/10.3390/app122211515-13 Nov 2022. PP. 1-15. CiteScore 2021 59 Also included in WOS Q2 https://www.scopus.com/record/display.uri?eid=2-s2.0-85142484804&origin=resultslist&sort=plf-f

L.N. Gumilyov ENU, Astana

Scientific internships:

03/11/2019-06/09/2019 - Novosibirsk State University, Certificate.

Hirsch index according to the information base Web of Science or Scopus:

- 1

Languages:

Kazakh - perfect Russian - perfect English - Pre - Intermediate 2. Ulzhan T. Makhazhanova, Feodor A. Murzin, Ayagoz A. Mukhanova, Evgeniy P. Abramov Fuzzy logic of Zadeh and decision-making in the field of loan. *Journal of theoretical and applied Information Technology* - 31st March 2020. vol.98. no 06 (Scopus, percentile 0.37)

In the publications recommended by the KKSON MES RK:

- 3. Mahazhanova, U., A.A. Ismailova, & A.S. Zhumakhanov. (2021). BULDYR LOGIKALYK EREZHELERDI SHESHIM KABYLDAU PROCESSINDE KOLDANUDYH MYSALY. Proceedings of the National Academy of Sciences of the Republic of Kazakhstan. Series of physics and information technologies., (6), 121–127. https://doi.org/10.32014/2021.2518-1726.108
- 4. U.T. Makhazhanova, A.A. Mukhanova, G.B. Abdikerimova Shagyn (orta) businessti kasiporynnyn nesielik kabiletin bagalau γshin korsetkishter zhiynyn zade buldyr logicasy negizinde kalyptastyru. *Bulletin of KazNITU*, No. 5(141), 2020 October, p.395-402
- 5. A.A. Mukhanova, U.T. Makhazhanova, M. Makhanov
- 6. A.A. Mukhanova, U.T. Mahazhanova Shagyn business kasiporynnyn nesiege kabiletin bagalaudyn mathematical model. *Bulletin of KazNITU*, No. 2 (138), April 2020, p. 728-73
- 7. U.T. Makhazhanova, M.A. Isaeva Akparattyk bilim I take ortasy. *Bulletin of the Eurasian National University named after L.N. Gumilyov*, No. 6 (109). Astana, 2015, S. 69-75.

Advanced training in the last 5 years:

- 11/14/2022-11/24/2022 Development and implementation of new pedagogical technologies, experience of leading European higher educational institutions, Eurasian Academy of Technology and Communications, Certificate.
- $-\ 01/15/2022\text{-}02/15/2022$ Creation of an application for interacting with a 3D model in VR , KazAeroSpace LLP , Certificate
- 04/15/2017-04/28/2017 Introduction to computer Graphics, Certificate.
- 11/28/2016-12/02/2016 "Business Analytics based on SAP Lumira" and "Integrated enterprise management based on SAP ERP", Certificate.