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**Scientific degree, title, scientific school:**

2006-2010 – L. N. Gumilyov Eurasian National University, Faculty: Mathematics and information technology. Bachelor of Natural science in specialty 050602-Computer Science.

2011-2013 – L. N. Gumilyov Eurasian National University. Faculty: Information technology. Master of Natural Science in specialty 6M060200-Computer Science.

2014-2020 – L. N. Gumilyov Eurasian National University. Faculty: Information technology. 6D060200- Computer Science (doctorate program). Doctor of Philosophy (PhD) in the specialty "6D060200-Computer Science".

2012 – Faculty of Applied Informatics, University of Economics in Bratislava, Slovakia (scientific internship).

2015 – Faculty of Computer and Informatics, Istanbul technical university, Istanbul, Turkey (scientific internship).

2016 – Faculty of Computer and Informatics, Istanbul technical university, Istanbul, Turkey (scientific internship).

2020 – Department «Applied mathematics and Computer Analyses», National University of Uzbekistan named after Mirzo Ulugbek (scientific internship).

**Professional experience:**

September, 2021 – Lecturer of the Department of Artificial Intelligence Technologies, L. N. Gumilyov ENU.

September, 2020-2021 – Lecturer of the Department of Information Security, L. N. Gumilyov ENU.

2012 – 2020 scientific researcher at the research Institute "Artificial intelligence" of the L. N. Gumilyov ENU.

2010-2012 – Engineer of the Department of theoretical informatics of the L. N. Gumilyov ENU.

**Scientific grants:**

2018-2020: scientific researcher on the project «Development of Turkic languages electronic thesauri for creation of multilingual search and knowledge extraction systems» by the Ministry of Science and Education of the Republic of Kazakhstan (Grant No. AP05132249, 2018–2020).

2012: scientific researcher on the project «Automation of recognition and generation writing and speaking the Kazakh language» by the Ministry of Science and Education of the Republic of Kazakhstan, 2012-2014, the program of MES RK "Grant financing of scientific research", Astana.

**Scientific interests:**

Research interests: Artificial intelligence, Ontological model, cryptography.

**Courses:**

Web programming, programming in the Android environment, Data Mining, Operating Systems, Database theory, Algorithm Theory, Algorithmization and Programming, Fundamentals of Cybersecurity.

**Publications (selected):**

1. L.Zhetkenbay, A.A.Sharipbay, G.Bekmanova, U.Kamanur. Ontological modeling of morphological rules for the adjectives in Kazakh and Turkish languages. Journal of Theoretical and Applied Information Technology, Vol. 91. No.2, 2016, P. 257-263. ISSN: 1992-8645, EISSN: 1817-3195 (Indexed in the Scopus database).

2. L.Zhetkenbay, U.Kamanur, A.A.Sharipbay, G.Altanbek, G.Bekmanova. Investigation and use of methods for defining the extends of similarity of Kazakh language sentences. 15th China National Conference, CCL 2016, and 4th International Symposium, NLP-NABD 2016, Yantai, China, October 15-16, 2016, Proceedings, P.153-161. ISBN 978-3-319-47673-5, Online ISBN 978-3-319-47674-2 (Indexed in the Scopus database).

3. L.Zhetkenbay, G. Bekmanova, A.Sharipbay, G.Altanbek, E.Adali, U.Kamanur, A.Zulkhazhav. A uniform morphological analyzer for the Kazakh and Turkish languages. Proceedings of the Sixth International Conference on Analysis of Images, Social Networks and Texts (AIST 2017) July 2017, Moscow, Russia. –P. 20-30 (Indexed in the Scopus database).

4. Lena Zhetkenbay, Gulmira Bekmanova, Banu Yergesh, Altynbek Sharipbay. Method of sentiment preservation in the Kazakh-Turkish machine translation. «The 2020 International Conference on Computational Science and Its Applications» (Cagliari, Italy, July 1-4, 2020) (Indexed in the Scopus database).

5. L.Zhetkenbay, A.A.Sharipbay, G.T.Bekmanova, M.Kabylashymuly, U.Kamanur. The semantical, ontological models and formalization rules Kazakh compound words. Turklang'14 II International Conference on Computer processing of Turkic Languages, 2014.–Istanbul, 2014. – P.107-111. ISBN No.:978-975-561-449-6.

6. L.Zhetkenbay, A.A.Sharipbay, G.T.Bekmanova. Semantic neural network model of the morphological rules of the Kazakh and Turkish noun for NLP system. 2nd International Conference on Computer, Control and Communication Technologies (CCCT'15), 2015.– Turkey, Antalya, 2015. – P.95-100. ISBN No.:978-93-84422-46-2

8. Л.Жеткенбай, А.Шарипбай, Е.Адалы (E.Adali), Г.Бекманова, Д.Қажымұқан, Каманур У. Сравнение морфологических правил глагола казахского и турецкого языков. Вестник. Алматы: Казахский национальный университет им. аль-Фараби, 2018, 4(100).–С. 42-51. 30.