



Academic Personnel Short Profile / Short CV

University:	Neapolis University Pafos
Surname:	Botov
Name:	Dmitrii
Rank/Position:	Assistant Professor
Faculty:	School of Economics, Business and Computer Science
Department:	Department of Computer Science
Scientific Domain: *	Generative Artificial Intelligence, Machine Learning

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Candidate of Technical Sciences (PhD)	2019	Ufa State Aviation Technical University	Faculty of Information Technologies and Robotics	Methods and algorithms for intellectual support for the formation of educational programs according to labor market requirements based on neural network language models
Engineer (specialist)	2010	South Ural State University	Department of electronic computing machines	



ΦΟΡΕΑΣ ΔΙΑΣΦΑΛΙΣΗΣ ΚΑΙ ΠΙΣΤΟΠΟΙΗΣΗΣ ΤΗΣ ΠΟΙΟΤΗΤΑΣ ΤΗΣ ΑΝΩΤΕΡΗΣ ΕΚΠΑΙΔΕΥΣΗΣ
CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
2021	2024	ITMO University	Saint Petersburg, Russia	Associate Professor
2013	2021	Chelyabinsk State University	Chelyabinsk, Russia	Assistant Professor
2010	2013	South Ural State University	Chelyabinsk, Russia	Lecturer

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2024	Expanding the Horizons of Machine Learning in Nanomaterials to Chiral Nanostructures	Vera Kuznetsova, Áine Coogan, Yulia Gromova, Elena V. Ushakova, Yurii K. Gun'ko	Advanced Materials published by Wiley-VCH GmbH	36	article number 2308912
2	2019	Mining Labor Market Requirements Using Distributional Semantic Models and Deep Learning	Julius Klenin, Andrey Melnikov, Yuri Dmitrin, Ivan Nikolaev, Mikhail Vinel	Lecture Notes in Business Information Processing. Springer Publ.	354	177-190
3	2020	The Comparison of Distributive Semantics Models Applied to the Task of Short Job Requirements Clustering for the Russian Labor Market	Ivan Nikolaev, Ivan Ryazanov	Advances in Intelligent Systems Research: Proceedings 8th Scientific Conference on Information Technologies for Intelligent Decision Making Support	174	295-301
4	2019	Experimental Comparison of Unsupervised Approaches in the Task of Separating Specializations Within Professions in Job Vacancies	Vinel Mikhail, Ryazanov Ivan, Nikolaev Ivan	Communications in Computer and Information Science. Springer Publ.	1119	99-112
5	2019	Use of Topic Modelling for Improvement of Quality in the Task of Semantic Search of Educational Courses	Nikolaev Ivan, Dmitrin Yuri, Klenin Julius, Melnikov Andrei	Atlantis highlights in computer sciences. Atlantis Press	3	104-111

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)**

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	Apr 14-15, 2022	TextToFace: neural network technologies for the speech and face of the speaker on video	International: Artificial Intelligence and Natural Language: 11 th International Conference, AINL 2022	Saint Petersburg, Russia	Speaker at the conference section
2	Jun 26-28, 2019	Mining Labor Market Requirements Using Distributional Semantic Models and Deep Learning	Business Information Systems, 22 nd International Conference	Seville, Spain	Speaker at the conference section
3	Oct 6-9, 2020	The Comparison of Distributive Semantics Models Applied to the Task of Short Job Requirements Clustering for the Russian Labor Market	8th Scientific Conference on Information Technologies for Intelligent Decision Making Support	Ufa, Russia	Speaker at the conference section
4	Nov 20–22, 2019	Experimental Comparison of Unsupervised Approaches in the Task of Separating Specializations Within Professions in Job Vacancies	Artificial Intelligence and Natural Language, 8 th International Conference, AINL 2019	Tartu, Estonia	Speaker at the conference section

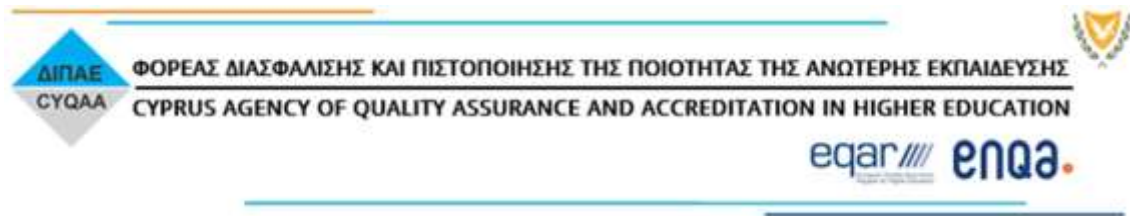


5	Jul-Avg 2020	Decision support system for processing citizens' requests for municipalities	World AI & Data Challenge (International Hackathon)	Online Hackathon	Team Leader
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**Specify venue, geographic location etc*



Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	2021-2023	TextToFace Technology: Multi-Speaker Speech Synthesis and Lip-syncing Generation	LLC EveryPixel (Singapour)	Scientific Leader
2	2021-2022	CharToSpeech: Development of technology for hyper-personalized neural network speech synthesis	The Foundation for Assistance to Small Innovative Enterprises (Russia)	Research Supervisor, Project Leader
3	2017-2019	Automated system for searching and generating educational programs using neural network language models and methods of intelligent decision support	Russian Foundation for Basic Research	Lead ML Researcher
4	2019-2021	Video analytics system for Smart City	LLC Intersvyaz (Russia)	Project Leader
5	2017-2020	Dialogue system for the contact centre of telecommunications company	LLC Intersvyaz (Russia)	Research Supervisor, Project Leader
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**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*



**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1				
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
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