CURRICULUM VITAE

MIRVARI GAZANFARLI

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EDUCATION

2019-2021	**PhD,** Economics (Econometrics, Economic statistics), *Institute of Economics, Azerbaijan National Academy of Sciences*
2015-2017	**M.Sc.** Computer Science in majoring Mathematical and Information Provision of Economic Activity, *Baku State University*
2011-2015	**B.A.** Computer Science, *Baku State University*

Professional Certificate programs

08.2024 -	Machine Learning A-Z: AI, Python & R. *Udemy*
2023	Data Analysis with Python. *Online non-credit course authorized by IBM and Coursera*
2023	Machine Learning: an overview. *Online non-credit course authorized by Politecnico di Milano and Coursera*

ACADEMIC APPOINTMENTS

2022-	**PhD**, Department of Business Management, Azerbaijan State University of Economics
2017-2022	**Scientific Researcher,** Institute of Economics, Azerbaijan National Academy of Sciences

ADMINISTRATIVE EXPERIENCE

2022.09-	**Program supervisor,** the Division of 'Information Communication Technologies', UNEC Business School, Azerbaijan State University of Economics
2022.03-2022.08	**Head of Department,** Department of Education, Institute of Economics, Azerbaijan National Academy of Sciences

TEACHING AND MENTORING

November 2023	Staff Mobility for Teaching. Aurel Vlaicu University, Arad Romania (1 week)
2023-	Data analytics with Python (master). Azerbaijan State Economic University Econometrics (bachelor). Azerbaijan State Economic University
2022-	Statistics for Business Analytics (master). Azerbaijan State Economic University Statistics for Business and Economics (master). Azerbaijan State Economic University Web application development (master). Azerbaijan State Economic University
2022-2023	Management Information System (master). Azerbaijan State Economic University

2020-2021	Econometrics (bachelor and master) Baku Business University Economic Informatics (bachelor) Baku Business University

Supervisor

2022-	Azerbaijan State Economic University [Supervisor of graduates (13) on professions: • Business and Data analytics; • Software engineering; • Business management]
2019 -	Azerbaijan State Oil and Industry University (16) [Supervisor of undergraduates (9) and graduates (7) on professions: • Business İnformatics; • Business Administration; • System engineering; • E-governance]

PUBLICATIONS

Research and Public Outreach Reports

	Effective organization of return to Karabakh: results of an online survey among IDPs/A.F.Musayev, and 15 co-authors /**Ada University, Baku**
2022	Effective organization of return to Karabakh: assessment of repatriation potential. Results of the second interview survey among IDPs/ A.F.Musayev, and 15 co-authors/**Ada University, Baku**
	Effective organization of return to Karabakh: results of a survey among entrepreneurs / A.F.Musayev, and 15 co-authors/**Ada University, Baku**
2021	Effective organization of return to Karabakh: assessment of repatriation potential. Results of the first interview survey among/ A.F.Musayev, and 15 co-authors/**Ada University, Baku**
	Index of Economic Freedom--2019-2021: Impact on socio-economic development in Azerbaijan and comparative analysis between "neighboring and advanced" and "mainly advanced" countries./Institute of Economics, ANAS. P.131

Original Articles

	A fuzzy approach to the assessment of digitalization level of the banking system: Evidence from Azerbaijan/ *Lecture Notes in Networks and Systems.* Vol.2. May 2025 (Web of Science, SCOPUS)
In Press (2025)	How digitalization affects agricultural progress in Azerbaijan: Evidence from panel data approach/ *Int. J. of Sustainable Agricultural Management and Informatics.* Vol. 11, No. 1, pp.97–110 (**Q2/**SCOPUS; Web of Science)
2023	How tax reforms impact unemployment: Evidence from Azerbaijan/ **Journal of Internatıonal Studıes** (Q1/SCOPUS; Q2/Web of Science)**,** Vol. 16, No 3, pp. 238-252. doi:10.14254/20718330.2023/16-3/14
2022	Modeling the awareness level of the tax authority and the taxpayer/ **ANAS News Economy series.** №4, pp.182-191. **Baku**

Fuzzy Modeling of the Relationship Between Tax Administration Efficiency and Tax Obligations Fulfillment/ Lecture Notes in Networks and Systems book series (LNNS, volume 362), pp.278-285. Springer, Cham, Switzerland AG / [with Akif Musayev]

Postwar Karabakh: What Is the Resettlement Potential? / **Caucasus Analytical Digest,** №128. Pp.10-15 / [with Akif Musayev, Khatai Aliyev, Shabnam Maharramova]

Revolutionary changes in the economy and economics: the literature review/ **"Economic Growth and Public Welfare" scientific journal,** №1. Pp. 10-20 / [with Akif Musayev]

Modeling the Probability of the Detection Process of Tax Evasion Taking into Account Quality and Quantity Indicators/ Asian Journal of Economics, Business and Accounting, 18(4). Pp. 28-37 / [with Akif Musayev]

Modeling the Detection Process of Tax Evasion Under Uncertainty/ Acta Scıentıfıc Computer Scıences, №10. pp.3-8 / [with Akif Musayev]

2020 The Effectiveness Model of Tax Administration Process/ Scientific Reviews in UNEC, №8. Pp.92-102

Tax administration, and organization of its efficient activity/ ANAS News Economy series № 1. Pp.113-120

Evaluation of the Tax Burden according to its Administrative and Fulfillment Components/ Audit №2. Pp. 3-20. Special Issue [with Akif Musayev, Aygun Musayeva, Yashar Məmmədov]

2019 Evaluation of Tax Administration Effectiveness Using Brown-Gibson Model/ Advances in Intelligent Systems and Computing book series (AISC 1095), pp. 221–228. Springer, Cham, Switzerland/ [with Akif Musayev, Alovsat Aliyev, Aygun Musayeva]

Evaluation of the Impact of the Loss Carry-Forward to the Tax Inclusion by the Fuzzy Inference System/ ASERC Journal of Socio-Economic Studies № 1, [with Akif Musayev, Aygun Musayeva]

2018 Evaluation of the Impact of the Changing the Term of Tax Liability Performance on Tax Receipts by Minmax Composition Method/ **Advances in Intelligent Systems and Computing,** vol 896. pp. 378–385**. Springer/** [with Aygun Musayeva, Turac Musayev]

Conference paper

2019 The role of "soft computing" in increasing the efficiency of tax administration/ **Personality, society, state: modern approaches to mutual relations, materials of the Republican scientific conference, Mingachevir.**

2018 Evaluation of the staff's professionalism level by modified weighted sum model/ Tenth World Conference "Intelligent Systems for Industrial Automation/ Tashkent, Uzbekistan [with Akif Musayev, Hatam Guliyev, Qalib Efendiyev]

GRANTS
Internal

2018-2020	**Member**, "Processing of Equilibrium Models and Preparing of Perspective Development Scenarios - For Post-Oil Economy
2021-2022	**Member**, Proposals for Forecasting and Effective Organization of Repatriation to Post-Conflict Areas of Azerbaijan

PROFESSIONAL CONFERENCES AND ACADEMIC EVENTS

Professional Conferences

- 'Research Quality and Policy Impact (R-QUEST)' and 'Oslo Institute for Research on the Impact of Science (OSIRIS)' Final Conference, Oslo Norway, 8th November 2024
- 28th FAI International Conference on "Digitalization and Artificial Intelligence Revolution in Business Management", Baku Azerbaijan, April 2024
- 16th International Conference on Applications of Fuzzy Systems, Soft Computing and Artificial Intelligence Tools (ICAFS), Antalya, Turkey, September 2023 (online presentation)
- 5th International Scientific Conference of Economics and Management Researchers, Baku Azerbaijan June 2023
- A conference on "Innovative Economic Development Opportunities of Occupation Liberated Territories", Education Center of the State Tax Service, Shamakhi Azerbaijan, December 2021
- 11th International Conference on Theory and Application of Soft Computing, Computing with Words, Perception and Artificial Intelligence, Antalya, Turkey, August 2021 (online presentation)
- 10th International Conference on Theory and Application of Soft Computing, Computing with World and Perceptions, Prague, Czech Republic, August 2019
- International scientific conference on "Economic growth and public welfare", Baku Azerbaijan October 2018
- "13th International Conference on Applications of Fuzzy Systems and Soft Computing", Warsaw, Poland August 2018

Seminar and round table
- Data Science and Business Intelligence in 2025: How will AI Transform the Data Team? November 2024 (online)
- Artificial Intelligence against the Future Challenges of Power & Utilities, Switzerland, September 2021 (online)
- Quantum Computing: A Re-Evolution. İE University, Spain, July 2021 (online)
- The evolution of blockchain technologies, Bologna Business School, Italy, July 2020 (online)
- Round table with the participation of young economists held by the Institute of Economics of ANAS and the Georgian Foundation for Strategic and International Studies, Tbilisi Georgia, December 2018

NATIONAL AND INTERNATIONAL SERVICE

October 11th – 12th 2024	**Member of Scientific Committee.** OSEEC 2024 - International Conference on "Ongoing Social, Economic, and Environmental Challenges
April 18th-20th 2024	**Member of International Coordination Committee.** 28th FAI International Conference on "Digitalization and Artificial Intelligence Revolution in Business Management

Azerbaijan State University of Economics Service

2023-   **Scientific secretary.** Econometrics Scientific Seminar under the Dissertation Council
               operating at UNEC FD 1.11
2023-   **Chair,** Thesis Defense Committee, Azerbaijan State University of Economics
               [up to date 192 graduates' defenses have been organized]
2024   **Managerial Member.** Young Scientists Council
2022   **Member.** Faculty Scientific Council, UNEC Business School

REVIEWER OF INTERNATIONAL AND NATIONAL JOURNALS

2022-   "Scientific Review" of Azerbaijan State University of Economics
2022-   Journal of Computational Economics
2021-   Expert reviewer of the 'Academic Exchange Information Center' (AEIC)