CURRICULUM VITAE

NAİL MAMMADOV

UNEC Business School, AZ1001 Azerbaijan
Mob: +994702828201
Email : **t-memmedovnail@unec.edu.az**

Web of Science ID: JKI-5156-2023
Researchgate: Nail Mammadov
Google Scholar: https://scholar.google.com/citations?user=8xNeS78AAAAJ&hl=ru
ORCID: https://orcid.org/0000-0003-2820-6265

EDUCATION

2019-2021	**Ph.D**. in Philosophy, Azerbaijan State Oil and Industry University
2015-2017	**Master's Degree**. Faculty of Oil and Gas Engineering, "Transportation, Storage of Oil and Gas, and Resource-Saving Technologies," Azerbaijan State Oil and Industry University
2011-2015	**Bachelor's Degree**. Faculty of Water Supply and Engineering Communications, "Oil and Gas Facilities," Azerbaijan University of Architecture and Construction

Professional Certification Programs

2024	Introduction to CyberSecurity. *Cisco Networking Academy*
2024	Cloud Computing. *Cybrary*
2024	CASP+: Governance, Risk, and Compliance. *Cybrary*
2024	Introduction to Critical Infrastructure Protection. *OPSWAT academy*
2024	Security Engineering and Cyber Risk. *Cybrary*
2024	Cryptography. *Cybrary*
2024	Lunch and Learn: Mitre Att&ck Framework. *Cybrary*
2024	Mobile Platform, IoT, and OT Hacking. *Cybrary*
2024	Network Fundamentals. *Cybrary*
2024	Security Engineering and Cyber Risk. *Cybrary*
2024	Cybersecurity Fundamentals. *Cybrary*
2024	Wireless Network Hacking. *Cybrary*
2024	Object Oriented Programming. *MathWorks training services*
2024	MATLAB. *MathWorks training services*
2024	cPanel Proffesional Certification Exam (CPP). c*Panel*
2024	CySA+: Incident response and management. *Cybrary*
2022	Machine Learning: Professional Certification *offered by Itronix Solutions*
2020	Professional Machine Learning Engineer. *Google Cloud*

ACADEMIC APPOINTMENTS

2022-	Expert, Quality Assurance Agency in Education (TKTA)
2021-	Expert, State Examination Center (DIM)

WORK EXPERIENCE

2019-	Leading Specialist, SOCAR, Oil and Gas Research Project Institute

TEACHING EXPERIENCE

2022-	Incident Response and Forensics (master)., Azerbaijan State University of Economics Fundamentals of Information Security Automation with Python (master)., Azerbaijan State University of Economics Artificial Intelligence with Python (master), Azerbaijan State University of Economics Information Theory and Coding (master), Azerbaijan State University of Economics
2021-	Information Technology in Public Administration, Academy of Public Administration under the President of Azerbaijan
2022-2023	Artificial Intelligence with Python, Western Caspian University Database Design, Western Caspian University
2021-2022	Modern Programming Language: Python, Baku Engineering University

Scientific Supervision

2021-	Supervisor of Master's students at Azerbaijan State University of Economics (15 students)
2022 –	Supervisor of Bachelor's students at Azerbaijan State Oil and Industry University (3 students)
2021	Supervisor of Bachelor's students at the Academy of Public Administration under the President of Azerbaijan (9 students)

PUBLICATIONS

Scientific Articles

In Press (**2025**)	Enhancing Performance and Scalability of Python Web Applications using Gunicorn and Nginx/ *Beykent University Journal of Science and Engineering Sciences (BUJSE).* Vol18. 2025 Application Areas of Artificial Intelligence in Surgery and The Development of Autonomous Systems/ *Artificial Intelligence Theory and Applications.* Vol. 5. 2025
2024	Problems of managing technological regimes in gas distribution networks and modern approaches to their solutions/ **Proceedings of Azerbaijan High Technical Educational Institutions,** Volume 44 (05), Issue 09 2024, E-ISSN: 2674-5224, DOI: 10.36962/PAHTEI, pp. 122-130.

Conference Papers

2020	Characteristics of Human Interaction During Teaching and Learning/ **International Eastern Conference on Human Interaction (IECHCI-2020), Nakhchivan.**
2020	Study of Child-Computer Interaction for The Republic of Azerbaijan/ **International Eastern Conference on Human Interaction (IECHCI-2020), Nakhchivan.**
2022	Solving Industrial Clustering and Enviromental Problems with Smart Urban Structures/ **International Congress on Ecology, Economy, and Regional Development/ Baku.**
2022	Collecting, storing, managing and securing big data in smart cities/**International Conference on Reconstruction and Recovery in Post-Conflict Situations/Baku.**
2021	Methods of management of information security risks in government structure/ **II International Science and Technology" scientific-practical conference/Baku.**
2021	Security of Information Technologies of Smart Cities Designed in The Liberated/ **Problems of Sustainable Economic Development in the Information Society/Baku.**
2021	Advantages, problems and solutions of 5G technology/ **I scientific and technical conference of young research engineers on the topic Innovative technologies in engineering sciences/ Baku.**