






PERSONAL INFORMATION

Ali Ahmadi



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- <https://www.webofscience.com/wos/author/record/JPK-2499-2023>
- <https://www.linkedin.com/in/ali-ahmadi-15824777/>
- <https://loop.frontiersin.org/people/2773727/overview>
- <https://github.com/ali-ahmadi79>

Sex Male | Nationality Iranian

SUMMARY

Experienced IT professional with a robust academic foundation in Computer Science, IT Management, and Business Administration. Specializing in Artificial Intelligence and Machine Learning with a focus on healthcare innovations. Proven track record of leading AI-driven projects that enhance operational efficiency and drive technological advancements. Passionate about leveraging AI to solve complex problems and contribute to groundbreaking research in the field of Artificial Intelligence.

EDUCATION

2021-2023

Master of IT Management (Advanced Information System) – Thesis: ‘Improving Student Application Management Systems Using Data Modelling’
Payam-e Noor University International Branch Centre, Iran (GPA: 17.56/20)

- Basics and Infrastructure of Information Technology
- Database Management Systems
- Information Systems Development Methodology
- Organization Information Modelling
- Research Methods
- Electronic Commerce and Business
- Information Management Systems
- Software Analysis and Design and Quality Control
- Theory of Management
- Information Technology Security Management

2019-2020

MBA (Master of Business Administration), Project Management

University of Tehran Faculty of Management, Iran (GPA: 19.27/20)

- Management Theory
- Strategic Management
- Principles of Marketing
- Business Model
- E-Commerce

- Project Management Knowledge Standard (PMBOK)
- 1997-2002 Bachelor of Computer Hardware Engineering BS**
Islamic Azad University South Tehran Branch Faculty of Engineering, Iran (GPA: 14.06/20)
- Data structures
 - Signals and Systems
 - Language of Machine and System Programming
 - Digital Electronics
 - Algorithm Design
 - Computer Architecture
 - Operating Systems
 - VLSI (Very Large-Scale Integration) Systems design
 - Internet Engineering
- 1993-1997 High School Diploma in Mathematics and Physics**
Imam Sadegh High School, Tehran, Iran (GPA: 15:24/20)
- Algebra and Analysis
 - Physical Education
 - Mechanics
 - English Language

PUBLICATIONS

Ahmadi, A. (2024). Unravelling the Mysteries of Hallucination in Large Language Models: Strategies for Precision in Artificial Intelligence Language Generation. *Asian Journal of Computer Science and Technology*, 13(1), 1–10. <https://doi.org/10.70112/ajcst-2024.13.1.4144>
<https://ajcst.co/index.php/ajcst/article/view/4144/7571>

Ahmadi, A. (2024). Navigating the Future: Challenges and Opportunities in Hospital Care in Italy - A Review of AI and Big Data Integration. *International Journal of BioMed Insights*, 1(1), 23-34. doi: 10.22034/ijbmi.2024.198709
https://www.ijbmi.com/article_198709.html

Ahmadi, A. (2024). Artificial Intelligence Revolution: A Comprehensive Review of its Transformative Impact on Hospital Data Management in the Future. *International Journal of BioLife Sciences (IJBS)*, 3(3), 115-133. doi: 10.22034/ijbls.2024.199024
https://www.jobiost.com/article_199024.html

Ahmadi, A. (2024). Digital Health Transformation: Leveraging AI for Monitoring and Disease Management. *International Journal of BioLife Sciences (IJBS)*, 2(3), 349-363. doi: 10.22034/ijbls.2024.188037
<https://doi.org/10.22034/ijbls.2024.188037>

Ahmadi, A., & RabieNezhad Ganji, N. (2023). AI-Driven Medical Innovations:

Transforming Healthcare through Data Intelligence. *International Journal of BioLife Sciences (IJBS)*, 2(2), 132-142. doi: 10.22034/ijbs.2023.185475.

https://www.jobios.com/article_185475.html

Ahmadi, A. (2023). Machine Learning for Drug Discovery: Bridging Computational Science and Medicine. *International Journal of BioLife Sciences (IJBS)*, 2(2), 211-220. doi: 10.22034/ijbs.2023.186512.

https://www.jobios.com/article_186512.html

Ahmadi, A. (2023). Artificial intelligence and mental disorders: chicken-or-the egg issue. *Journal of Biological Studies*, 6(1), 7–18. <https://doi.org/10.62400/jbs.v6i1.7751>

<https://onlinejbs.com/index.php/jbs/article/view/7751>

Ahmadi, A. (2023). Quantum Computing and AI: The Synergy of Two Revolutionary Technologies. *Asian Journal of Electrical Sciences*, 12(2), 15–27. <https://doi.org/10.51983/ajes-2023.12.2.4118>

<https://ojs.trp.org.in/index.php/ajes/article/view/4118>

Ahmadi, A. (2023). ChatGPT: Exploring the Threats and Opportunities of Artificial Intelligence in the Age of Chatbots. *Asian Journal of Computer Science and Technology*, 12(1), 25–30. <https://doi.org/10.51983/ajcst-2023.12.1.3567>.

<https://ojs.trp.org.in/index.php/ajcst/article/view/3567>

Ahmadi, A. (2023). The AI Food Revolution: Reshaping Food Sciences through Artificial Intelligence. *International Journal of Bio Life Sciences (IJBS)*, 2(1), 62-71. doi: 10.22034/jbs.2023.178662.

https://www.jobios.com/article_178662.html

Ahmadi, A. (2023). Implementing Artificial Intelligence in IT Management: Opportunities and Challenges. *Asian Journal of Computer Science and Technology*, 12(2), 18–23. <https://doi.org/10.51983/ajcst-2023.12.2.3704>

<https://ojs.trp.org.in/index.php/ajcst/article/view/3704>

Ahmadi, A. (2023). Microsoft Customer Relationship Management for Small and Medium-Sized Enterprises: Challenges and Opportunities. *Asian Journal of Computer Science and Technology*, 12(1), 1–6. <https://doi.org/10.51983/ajcst-2023.12.1.3505>

<https://ojs.trp.org.in/index.php/ajcst/article/view/3505>

MANUSCRIPTS UNDER REVIEW

- Exploring Weaknesses in Academic Application Services Management: Harnessing Data Modelling for Strategic Enhancements

Authors: **Ahmadi, A.**

Journal/Publication: **Int. J. of Data Mining, Modelling and Management**

Status: **Under Review**

REVIEWER IN ACADEMIC JOURNALS

Inteligencia Artificial (ISSN: 1988-3064)

- Artificial Intelligence (AI) in Dental Age Estimation Studies: A Scient metric

Analysis (1652, 2024-06-20)

Smart Learning Environments (ISSN: 2196-7091)

- Gameful Strategies in the Education of Autistic Children: A Systematic Review, Bibliometric Analysis, and Future Research Roadmap (SMLE-D-24-00009, 2024-01-26)

Asian Journal of Computer Science and Technology (ISSN: 2583-7907)

- A Survey on Quantum Computing Applications to Bolster Security in the Internet of Things (AJCST 3866, 2023-12-30)
- Federated Learning and Blockchain for Enhancing Automobile Edge Computing Security (AJCST 3555 R1, 2023-04-12)

International Journal of Plant & Soil Science (ISSN: 2320-7035)

- Revitalizing Agriculture Extension Services for Millets: A Comprehensive Review of Strategies, Challenges, and Innovations (Ms_IJPSS_109739, 2023-11-25)

Current Journal of Applied Science and Technology (ISSN: 2457-1024)

- Digital Pathology for Precision Agriculture (Ms_CJAST_110099, 2023-11-25)

Asian Journal of Education and Social Studies (ISSN: 2581-6268)

- Impact of Artificial Intelligence in Different Stages of Education (Ms_AJESS_115066, 2024-03-19)

Expert Systems with Applications (ISSN: 1873-6793)

- Integrating Dynamic Thresholds and Fuzzy Logic in a Double-Layer LDA Model for Personalized Video Recommendations (2024-08-21)
- ILAMP: Improved Text Extraction from Gradients in Federated Learning using Language Model Priors and Sequence Beam Search (ESWA-D-24-00608R2, 2024-08-17)
- Explainable Deep Learning Models for Customer Churn Prediction in the Telecommunication Sector (ESWA-D-24-10279, 2024-08-04)
- A Cascaded Retrieval-while-reasoning Multi-document Comprehension Framework with Incremental Attention for Medical Question Answering (ESWA-D-23-16422R1, 2024-07-20)
- XAI in hindsight: Shapley values for explaining prediction accuracy (ESWA-D-24-10173, 2024-07-09)
- A novel metric for assessing structural complexity of data warehouse requirements models (ESWA-D-24-05569R1, 2024-07-05)
- Simple Integrated Circuits Reverse-Engineering with Deep Learning: A proof of concept for automating die-polygon-capturing (ESWA-D-24-09276, 2024-07-03)
- Advancing Recommendation Systems with DeepMF and Hybrid Sentiment Analysis: Deep Learning and Lexicon-Based Integration (ESWA-D-24-04944R1, 2024-06-30)
- Enhancing inertial sensor-based sports activity recognition through reduction of the signals and deep learning (ESWA-D-23-16984R2, 2024-06-22)
- Dual Channel Representation-learning with Dynamic Intent Aggregation for Session-based Recommendation (ESWA-D-24-07409, 2024-06-19)
- Deep Spectral Clustering by Integrating Local Structure and Prior Information (ESWA-D-24-07325, 2024-06-09)
- Performance for UAV-Borne IRS Relaying NOMA Systems with Hardware Defects using Wasserstein Deep Convolutional Generative Adversarial Network (ESWA-D-

- 24-08172, 2024-06-07)
- A Review of Named Entity Recognition for Legal Text (ESWA-D-24-08120, 2024-06-04)
 - ChatGPT vs Human Expertise in the Context of IT Recruitment (ESWA-D-24-03419, 2024-06-01)
 - CMiNER: Named Entity Recognition on imperfectly Annotated data via Confidence and Meta Weight Adaptation (ESWA-D-24-06292, 2024-05-27)
 - ILAMP: Improved Text Extraction from Gradients in Federated Learning using Language Model Priors and Sequence Beam Search (ESWA-D-24-00608R1, 2024-05-12)
 - A novel metric for assessing structural complexity of data warehouse requirements models (ESWA-D-24-05569, 2024-05-07)
 - An Exploration of Features to Improve the Generalisability of Fake News Detection Models (ESWA-D-24-05595, 2024-05-01)
 - Network Analysis for Real-Time Application Fraud Detection (ESWA-D-24-05213, 2024-04-21)
 - Automated Defect Classification in Steel Fabrications using Self-supervised Autoencoders and Decision Tree (ESWA-D-24-04272, 2024-04-17)
 - A Novel Demand Forecasting Framework Based on Product Life Cycle Stage (ESWA-D-24-04700, 2024-04-09)
 - Application of NLP-based Models in Automated Detection of Risky Contract Statements Written in Complex Script System (ESWA-D-23-16779R1, 2024-04-03)
 - ILAMP: Improved Text Extraction from Gradients in Federated Learning using Language Model Priors and Sequence Beam Search (ESWA-D-24-00608, 2024-03-29)
 - Enhancing inertial sensor-based sports activity recognition through reduction of the signals and deep learning (ESWA-D-23-16984R1, 2024-03-25)
 - Hybrid EnsembleNet Approach for Multi-modal Sarcasm Detection: A Comparative Analysis on the Memotion Dataset 7k and the MUsTARD Dataset (ESWA-D-23-16208R2, 2024-03-20)
 - Unravelling the Dynamics of Social Governance Innovation: A Synergistic Approach Employing NLP and Network Analysis (ESWA-D-23-16539R1, 2024-03-17)
 - Genetic Optimized Convolution Neural Network (GOCNA) for predicting COVID (ESWA-D-24-03404, 2024-03-14)
 - DeFiTrust: A Transformer-Based Framework for Scam DeFi Token Detection Using Event Logs and Sentiment Analysis (ESWA-D-24-03075, 2024-03-09)
 - A Smart and Secured Blockchain for Children's Health Monitoring Using Hybrid Encryption and Adaptive Machine Learning Techniques (ESWA-D-24-02776, 2024-03-02)
 - A Shortcut to Using Machine Learning in Human Resource Management: Evaluating Human Resource Criteria Using the Fuzzy Best-Worst Method (ESWA-D-24-02258, 2024-02-26)
 - MobileNetV2 with Spatial Attention Module for Traffic Congestion Recognition in Surveillance Images (ESWA-D-22-01752R1, 2024-02-21)
 - Enhancing Inertial Sensor-based Sports Activity Recognition Through Reduction of the Signals and Deep Learning (ESWA-D-23-16984, 2024-02-18)
 - Can Large Language Models Beat Wall Street? Unveiling the Potential of AI in Stock

Selection (ESWA-D-24-00362R1, 2024-02-10)

- Application of NLP-based Models in Automated Detection of Risky Contract Statements Written in Complex Script System (ESWA-D-23-16779, 2024-01-16)
- Identifying High-Risk Regions in Forex Charts Through Rule Extraction Based on Custom Metrics from Historical Data (ESWA-D-24-00362, 2024-01-05)
- Hybridizing Categorical Boosting and Hunger Games Search Algorithms for Accurate Prediction of Dam Break-induced Water Level (ESWA-D-23-17067, 2024-01-04)
- Hybrid EnsembleNet Approach for Multi-modal Sarcasm Detection: A Comparative Analysis on the Memotion Dataset 7k and the MUsTARD Dataset (ESWA-D-23-16208, 2023-12-26)
- Predicting Key Regional Real Estate Prices Using Machine Learning Technique: with an emphasis on Jeonsae system (ESWA-D-23-15926, 2023-12-13)
- The multiple interacting fuzzy linguistic set and its application in emergency decision making (ESWA-D-23-04799R1, 2023-12-05)

WORK EXPERIENCE

2013 - Present IT Director

Tehran Chamber of Commerce, Industries and Mines, Tehran, Iran

<https://tccim.ir>

- Project Leadership and Implementation
 - Led an AI-Chatbot initiative resulting in a 50% increase in customer interaction among TCCIM members.
 - Spearheaded the implementation of "Simorgh," a pioneering HR platform designed to solicit valuable feedback from both managers and employees, thereby improving organizational performance. This innovative solution effectively addressed behavioural and workplace-related issues, leading to the achievement of significant KPIs.
 - Implemented AI-driven data analysis systems within the IT department, resulting in operational optimization and enhanced efficiency.
 - Oversaw the implementation of an AI-Chatbot project aimed at enhancing the online user experience (UX) on the website (tccim.ir).
 - Successfully launched a call centre system leveraging Microsoft CRM 360 technology, integrating artificial intelligence tools to enhance customer service efficiency and usability by 20%.
- Strategic Initiative Management
 - Orchestrated the establishment of Key Performance Indicator (KPI) standards across the organization, leveraging feedback from ticketing platform solutions.
 - Designed and implemented a comprehensive framework for departments to measure, monitor, and optimize workflow efficiency.
- Data-Driven Decision Making
 - Utilized data-driven KPIs to enhance decision-making processes.
 - Streamlined operational procedures and optimized resource allocation for maximum efficacy.

Software

- Applied, programmed, and developed a B2B business directory boasting more than 35,000 members (dir.tccim.ir).
- Designed a ticketing platform based on the ITSM standard, managing around 11,000 incidents annually.

- Developed a web portal (B2E) to streamline internal processes.

Network

- Configured and designed LAN infrastructure with dedicated 150 MB/s Internet connectivity for the main office in Tehran.
- Designed Firewall Rules for client Internet access.
- Provided Level 3 technical support for network, computer, and peripheral equipment issues.
- Installed and upgraded network and desktop application software.
- Configured and deployed wireless networks.
- Analysed hardware and software problems, selecting appropriate corrective action solutions.
- Enhanced technology solutions for clients and promoted additional services as required.

Virtualization

- Designed, installed, and configured VMware environments including ESX, ESXi, vSphere 4, 5.1, 6.0, and 7.0.
- Managed Virtual Centre, Lab Manager, Consolidated Backup, DRS, HA, DPM, vMotion, and VMware Data Recovery.
- Experienced with VMware View desktop virtualization (VDI).
- Conducted Physical-to-Virtual (P2V), Virtual-to-Virtual (V2V), and Virtual-to-Physical (V2P) migrations across various Windows platforms.

2020 - 2024 Researcher/ Reviewer in Biomedical Sciences

Global Research, Education and Event Network (GREEN)

<https://www.greennetwork-events.com>

- Assess and scrutinize scientific literature, research papers, and manuscripts to ensure their quality and relevance.
- Engage in collaborative efforts with interdisciplinary teams to identify emerging trends and areas of interest in biomedical research.
- Offer insightful feedback and constructive critiques on research submissions to uphold editorial standards.
- Maintain meticulous attention to detail and accuracy across all research and review activities.
- Contribute to organizational strategic planning and growth endeavors in alignment with the mission and objectives of GREEN.
- Design and implement AIREC website and content manager.

2022 - 2023 System Analyst and Database Analyst

VITANA Co., Tehran, Iran

<https://vitana.co>

- Planned, configured and implemented ETL solution for databases.
- Applied, programmed and developed Business Intelligence (BI) and Customer Portal (B2C) Platform.

- 2010 - 2013** IT Consultant and Senior Systems Analyst
Alborz Distribution Co., Tehran, Iran
<https://alborzdc.com>
- Applied, programmed and developed web portal (B2E) with more than 20 sub-systems like BMPS, Automation, Time Attendance, and Ticketing.
- 2004 - 2010** Software Engineer and Helpdesk Manager
JdNasir, Tehran, Iran
<https://jdnasir.acecr.ac.ir>
- Designed and Implemented B2E and B2B Portal with more than 20 subsystems like SMS Centre, Official Automation system, Digital Library and etc.
- 2008 - 2010** Application Developer
Vatan-e Emrooz Newspaper, Tehran, Iran
<https://vatanemrooz.ir>
- Developed a Photo Bank and Data Bank Platform as the single programmer and developer, using skills in database design, front-end development, and back-end programming to efficiently manage massive amounts of photos and data.
- 2003 - 2004** Software Developer
IRNA, Tehran, Iran
<https://en.irna.ir>
- Programmed and developed IRNA NBTS (Network Broadcasting Total System) consists of IRNA Messenger, News uploading service using .NET C#, XML for client application, asp and JSP for web services.
- 2001 - 2003** Web Designer and Senior Software Developer
Citadel Co. LLC., Tehran, Iran
- Designed, programmed Pooshe cd catalogue with thousand products of Pooshe.com website
 - Planned and designed SMS (Site Management System) for manage about 4000 products (Farsi and English products)
- 2010 - 2023** Website Designer
Freelancer
- International shipping transportation (Nikpad Darya)
<https://www.nikpadco.com>
 - Tehran Chamber of Commerce, Industries, Mines and Agriculture
<https://en.tccim.ir>
 - Human Resources and Training and Development Institute, Tehran Chamber of Commerce

<https://itecc.tccim.ir>

- Economic Research Department, Tehran Chamber of Commerce
<https://economy.tccim.ir>
- Centre Of Investment and Consultancy Services, Tehran Chamber of Commerce
<https://cic.tccim.ir>
- Arbitration Centre of Tehran Chamber
<https://arbitration.tccim.ir>
- Chinese version of Tehran Chamber of Commerce News Website
<https://cn.tccim.ir>
- Alborz dc. Supplier Portal
<http://sportal.alborz.org>

VOLUNTEER WORK

2015 - 2020 IT Expert

The World Bank

<https://archive.doingbusiness.org/en/about-us>

Contributed to the Doing Business project of the World Bank as an IT expert. As an IT expert, I played a pivotal role in the World Bank's Doing Business project, contributing to the production of a comprehensive global annual report focused on international business practices. These reports meticulously examine the legal frameworks and regulations that either facilitate or hinder economic activities. Through quantitative measures of business rules and property rights protection, the Doing Business project enables comparisons among 189 economies, shedding light on the procedural and workflow-based routines essential for assessing overall steps in starting a business in a specific country and its impact on the global economy.

LANGUAGE

Persian	Native speaker
English	Fluent (IELTS Academic Overall Band Score: 6.5, obtained on 9.FEB.2024)
Turkish	Intermediate
Arabic	Elementary

PERSONAL SKILLS

Communication skills

- Proficient in teamwork, adept at collaborating within diverse scientific teams.
- Demonstrates accountability and commitment to meeting deadlines with high-quality work.
- Adaptable to new environments and work settings.
- Exceptional communication skills, effectively articulating ideas to varied audiences.
- Skilled in addressing customer needs and ensuring satisfaction through proactive communication.

- Fosters positive team environments and achieves common goals through collaboration.
- Maintains composure and attentiveness in challenging situations.
- Capable of making sound decisions under pressure.
- Efficient task organization and prioritization to meet objectives.
- Strong problem-solving skills, capable of analysing information to draw insights.
- Innovative thinking to enhance communication strategies.
- Eagerness to learn and seek feedback for continuous improvement.

Organisational / managerial skills

- Efficiently coordinates tasks, resources, and personnel to achieve organizational goals.
- Delegates responsibilities effectively while ensuring accountability and oversight.
- Develops and implements strategies to optimize workflow and boost productivity.
- Prioritizes tasks, manages time efficiently, and consistently meets deadlines.
- Adapts to changing priorities and handles multiple projects concurrently.
- Provides mentorship and support to foster team growth and development.
- Evaluates performance, offers constructive feedback, and implements improvement initiatives.
- Builds strong stakeholder relationships and promotes collaboration across departments.
- Demonstrates leadership, inspiring confidence and motivating others to excel.

Job-related skills

- Proficient in computer hardware and software troubleshooting and maintenance.
- Expertise in network architecture, configuration, and optimization.
- In-depth knowledge of various operating systems and their functionalities.
- Experience in implementing and managing internet security measures.
- Proficient in programming languages and frameworks for software development.
- Skilled in front-end and back-end development for web and mobile applications.
- Competent in UI/UX design principles for intuitive user interfaces.
- Experience in MSSQL database administration.
- Familiarity with project management methodologies and tools.
- Ability to provide effective technical support and troubleshooting.
- Familiarity with Linux operating systems and command-line interface.
- Experience in developing .NET solutions for business applications.
- Capability in software installation, configuration, and maintenance.
- Understanding of LAN technology and network infrastructure management.
- Proficiency in maintaining servers, routers, and PCs for optimal performance.
- Experience in backup management for data and system protection.
- Strong focus on delivering exceptional customer support.
- Knowledgeable in SEO principles for improving online visibility.
- Familiarity with ITSM and ITIL frameworks for efficient IT operations.
- Machine Learning: TensorFlow, PyTorch, scikit-learn
- Programming Languages: Python, R, Microsoft CSharp.Net, PHP, JavaScript,

- VBScript, HTML
- Data Analysis: Pandas, NumPy, SQL
- Cloud Platforms: AWS, Google Cloud, Azure
- AI Tools: Jupyter Notebook

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Business correspondence in English
 IT service management (ITSM) and service level agreement (SLA)
 Digital Marketing

- Good command of office suite (word processor, spread sheet, presentation software)
- Good command of photo editing software

Other skills

- Proficient in problem-solving, adept at identifying and resolving complex issues efficiently.
- Service-focused, dedicated to delivering exceptional service and exceeding customer expectations.

CONFERENCES

2024 Ali Ahmadi, Speaker in AI in Action: Machine Learning for Disease Prediction workshop, Organized by Global Research, Education & Event Network held on 13 July, 2024

2024 Ali Ahmadi, Navigating the Future: Challenges and Opportunities in Hospital Care in Italy - A Review of AI and Big Data Integration [Oral presentation].
 In: 2nd International Conference on Cellular and Molecular Medicine (in person and online) (ICMM24), 4, May 2024, Palermo (Italy)

2024 Ali Ahmadi, Artificial Intelligence Revolution: A Comprehensive Review of its Transformative Impact on Hospital Data Management in the Future.
 In: 6th International Conference on Biomedicine (ICBM24), 5, May 2024, Birmingham (UK)

2023 Ali Ahmadi, Machine Learning for Drug Discovery: Bridging Computational Science and Medicine [Oral presentation].
 In: International Conference on Cellular and Molecular Medicine (ICMM23), 21-22, October 2023, Palermo (Italy)

2023 Ali Ahmadi, Digital Health Transformation: Leveraging AI for Monitoring and Disease Management [Oral presentation]
 In: 5th International Conference on Biomedicine (ICBM23), 21-22, October 2023, Budapest (Hungary)

2023 Ali Ahmadi, AI-Driven Medical Innovations: Transforming Healthcare through Data Intelligence [Oral presentation].

In: The 5th International Conference on Biological and Medical Sciences (ICBMS23), October 21–22, 2023, Istanbul (Türkiye)

2023 Ali Ahmadi, The AI Food Revolution: Reshaping Food Sciences through Artificial Intelligence [Oral presentation].

In: 4th International Conferences: ICBMS23 and ICFNEAS23, July 15-16, 2023, Budapest (Hungary)

2023 Ali Ahmadi, Speaker in Certificate Webinar on Advanced Internet Search Techniques for Academic Researchers, 29 April, 2023

2023 Ali Ahmadi, Artificial intelligence and mental disorders: chicken or the egg issue [Oral presentation].

In: Thomson ISI-indexed 4th Hybrid International Conference on Life Sciences (ICLS23), February 16-17, 2023, Izmir (Türkiye)

COURSES AND WORKSHOPS

- **AI in Action: Machine Learning for Disease Prediction (Certificate of appreciation):** Global Research, Education & Event Network. Year 2024
- **Network Automation with Python (Certificate of attendance):** Fanavaran Anisa (Iran Linux House). Year 2024
- **Writing Research Proposals Using AI (Certificate of participation):** Global Research, Education & Event Network. Year 2024
- **Network security (Statement of participation):** The OpenLearn (The Open University). Year 2023
- **Improve your academic English writing using AI (Certificate of participation):** Academy of International Research, Events and Courses (AIREC) and Akdeniz university. Year 2023
- **Introducing ethics in Information and Computer Sciences (Statement of participation):** The OpenLearn (The Open University). Year 2023
- **Comprehensive LinkedIn (certificate):** Tehran Chamber of Commerce (ITECC), Tehran, Iran. Year 2023
- **Natural intelligence (Statement of participation):** The OpenLearn (The Open University). Year 2023
- **Academic CV Writing Course (certificate):** International Association of Scientists (IAS), Tehran, Iran. Year 2022
- **Search Engine Optimization – SEO (certificate):** Tehran Chamber of Commerce (ITECC), Tehran, Iran. Year 2022
- **Comprehensive Content Production (certificate):** Tehran Chamber of Commerce (ITECC), Tehran, Iran. Year 2022
- **Digital Marketing (certificate):** Tehran Chamber of Commerce (ITECC), Tehran, Iran. Year 2022
- **National conference on passive defence and critical infrastructure protection (certificate):** Ministry of Interior, Tehran, Iran. Year 2019
- **Security Pack Security+ & CEH V8 (certificate):** CyberTech Institute, Tehran, Iran. Year 2015
- **IT service management (ITSM) and service level agreement (SLA) (certificate):** Applied Information Development Centre, Tehran, Iran. Year 2015

- **Commercial diplomacy focusing on joining the World Trade Organization (certificate):** Iran Scientific Commerce Association, Tehran, Iran. Year 2015
- **Training course on the rules of writing administrative correspondence and report writing (certificate):** Kashaneh Institute, Tehran, Iran. Year 2014
- **Android Programming (certificate):** Sematec Institute, Tehran, Iran. Year 2014
- **ICND 1 & 2 - CCNA (certificate):** Sematec Institute, Tehran, Iran. Year 2013
- **Business correspondence in English (certificate):** Tehran Chamber of Commerce, Tehran, Iran. Year 2012

ACHIEVEMENTS

- Awarded "**Best Paper**" at the **2nd International Conference on Cellular and Molecular Medicine (ICMM24)**, held on May 4-5, 2024, in **Palermo, Italy**. I delivered a presentation on Challenges and Opportunities in Hospital Care in Italy - A Review of AI and Big Data Integration.
- Awarded "**Best Paper**" at the **International Conference on Cellular and Molecular Medicine (ICMM23)**, held on October 21-22, 2023, in **Palermo, Italy**. I delivered a presentation on Machine Learning for Drug Discovery: Bridging Computational Science and Medicine, which was distinguished as the top contribution in recognition of its outstanding quality and significance within the conference.
- **Honoured with a distinguished scholarship for the 6th International Conference on Cellular and Molecular Medicine**, due to my exceptional contributions in the field of interdisciplinary sciences, particularly at the intersection of AI and IT. This award recognizes my commitment to advancing knowledge and innovation within the realm of Cellular and Molecular Medicine by harnessing cutting-edge AI and IT solutions. This opportunity will enable me to continue exploring the synergies between these domains and engage with top experts in the field.
- **Article Reviewer:** Served as an Article Reviewer for prestigious journals, including AJCST, International Journal of Plant & Soil Science, Expert Systems with Applications, Asian Journal of Education and Social Studies, and Current Journal of Applied Science and Technology. Their role involved meticulously reviewing and providing constructive feedback on various submissions, ensuring the accuracy and relevance of the content. They actively contributed to maintaining the high quality of the journals' publications.
- **Letter of appreciation** for the administration of the suitable IT infrastructure that enabled the Tehran Chamber of Commerce to open its organization **single window services** (In line with the policies of improving the business environment)
- **First bilingual stationery catalogue website** in Iran was planned, designed, built, and created. This new Pooseh product for clients increased customer engagement and improved sales rates by 30%
- The **B2E portal** was designed and deployed, and it included more than 20 subsystems, including SMS centre, BPMS (Business Process Management System), workflow engine, and other features that were successfully implemented as a best practice for paperless offices. A workplace which has minimal paper-based processes and relies on digitized documents instead
- **IRNA NBTS (Network Broadcasting Total System)**, which was programmed and constructed, consists of IRNA Messenger and a news uploading service that allowed IRNA News Agency to transport data over a network and considerably improved the process of news generation

RESEARCH INTERESTS

- Artificial Intelligence (AI)
- Artificial Intelligence in Mental Health Care
- Data mining
- Machine learning
- Deep learning
- Search Engine Optimization (SEO)
- Customer Relationship Management (CRM)
- IT Service Management Software (ITSM)
- Information Technology Infrastructure Library (ITIL)
- The consequences of addiction to technology
- The rise and future of blockchain technology
- The impact of virtual reality on education