

Faezehalsadat SeyedKhamoushi (Sayeh Khamoushi)

Google Scholar:

<https://scholar.google.com/citations?user=SNqtNN0AAAAJ&hl=en>

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Address: 23001 Cohasset Street, West Hills, CA, USA

Education

Maharishi International University (MIU)

PhD's Degree, Management

Aug. 2021- now

GPA: 3.96/ 4.00 - Honors (First in the program)

Thesis Topic: Holistic Leadership in AI-Driven Organizations: Assessing the Impact of Integrated Management Perspectives on Organizational Flourishing.

Tarbiat Modares University (TMU)

Master's Degree, Information Technology Management – Advanced Information System

Feb. 2013- Sep. 2015

GPA: 18.21/ 20.00 - Graduated with Honors (Second in the program)

Thesis Topic: Designing a policy-making pattern for supporting open-source software development and usage

Azad University South of Tehran

Bachelor's Degree, Electrical Engineering

Feb. 2004- Feb. 2008

GPA: 14.14/ 20.00

Thesis Topic: Design of an IC tester to detect malfunctioning pins (TTL74)

Azad University Shahre-Ray Branch

Associate Degree, Electrical-Electronics

Oct. 1999- Jul. 2002

GPA: 14.27/ 20.00

Honors

- **WIPO Special Award** – *INTARG® International Invention and Innovation Show, Katowice, Poland, June 3 – 5, 2025* – Eyeglasses
- **Gold Medal** – *Geneva International Exhibition of Inventions, Geneva, Switzerland, August 15 – 17, 2025* – Eyeglasses

- **Gold Medal** – *Geneva International Exhibition of Inventions*, Geneva, Switzerland, **August 15 – 17, 2025** – *AMESECAR*
 - **Gold Medal** – *Silicon Valley International Invention Festival (SVIIF)*, Santa Clara, USA, **August 8 – 10, 2025** – *AMESECAR*
 - **Bronze Medal** – *Silicon Valley International Invention Festival (SVIIF)*, Santa Clara, USA, **August 8 – 10, 2025** – *Eyeglasses*
 - **Gold Medal** – *INTARG® International Invention and Innovation Show*, Katowice, Poland, **June 3 – 5, 2025** – *Eyeglasses*
 - **Gold Medal** – *Geneva International Exhibition of Inventions*, Geneva, Switzerland, **April 9 – 13, 2025** – *Eyeglasses*
 - **Member** of the International Federation of Inventors' Associations (**IFIA**), **2025**
 - **Ranked first** in the **PhD program** in Management, Maharishi International University (**2021 – Present**)
 - **Graduated with honors – Ranked second** in the **M.Sc. program** in Management Information Systems, Tarbiat Modares University (**2015**)
 - Recipient of the **Fetzer scholarship**, MSR Division, **Academy of Management (2022)**.
 - **3rd place** in international **RoboCup** competitions (coach simulation) Tehran, Iran (**2007**)
 - **4th place** in international **RoboCup** competitions (coach simulation) Bremen, Germany (**2006**)
 - **2nd place** in international **RoboCup** competitions (coach simulation) Tehran, Iran (**2006**)
 - **3rd place** in international **RoboCup** competitions (rescue simulation) Tehran, Iran (**2006**)
- 4th place** in international **RoboCup** competitions (rescue infrastructure simulation), Osaka, Japan (**2005**)

Patents

Title: Multimodal Smart Eyeglasses for Adaptive Vision, Predictive Ocular and Hemodynamic Monitoring, and Emergency Response

- **Status:** PCT International Application Published – WO2025163631A1 (Publication Date: August 7, 2025); International Search Report (ISR) and Written Opinion Completed
- **Application Number:** PCT/IB2025/053330
- **Filed:** March 30, 2025
- **Publication Number:** WO2025163631A1

- **Applicant / Inventors:** Faezehalsadat Seyedkhamoushi (lead), Mohammad Sassani Asl, Rozasadat Seyedkhamooshi, Mohammadhossein Sharifnia
- **Exhibitions and Awards:**
 - *Poster presented and awarded at the Geneva International Exhibition of Inventions, Switzerland, April 2025– Gold Medal*
 - *Poster presented and awarded at the INTARG International Invention and Innovation Show, Poland 2025 – Gold Medal and WIPO Special Award*
 - *Poster presented and awarded at the Silicon Valley International Invention Festival (SVIIF), USA 2025 – Bronze Meda*
 - *Poster presented and awarded at the Geneva International Exhibition of Inventions (Members-Only Session), Switzerland, August 2025 – Gold Medals*
- **ISR, and Written Opinion Results (WIPO):**
 - Novelty: Confirmed for all 36 claims
 - Inventive Step: Confirmed (or positively assessed, as applicable)
 - Industrial Applicability (Commercialization Potential): Confirmed for all claims.

Title: Multi-Sensory Autonomous Multimodal Emotion-Synchronized Environmental Control Architecture and Regulation System (AMESECAR)

- **Status:** PCT International Application Published – WO2025257815A1 (Publication Date: December 18, 2025); International Search Report (ISR) and Written Opinion Pending
- **Application Number:** PCT/IB2025/057995
- **Filed:** August 5, 2025
- **Publication Number:** WO2025257815A1
- **Applicant / Inventors:** Faezehalsadat Seyedkhamoushi (lead), Mohammad Sassani Asl, Rozasadat Seyedkhamooshi, Mohammadhossein Sharifnia
- **Exhibitions and Awards:**
 - *Poster presented and awarded the Silicon Valley International Invention Festival (SVIIF), USA, August 2025– Gold Medal*
 - *Poster presented and awarded at the Geneva International Exhibition of Inventions (Members-Only Session), Switzerland, August 2025 – Gold Medals*
- **ISR and Written Opinion (WIPO):**
 - Novelty: Confirmed for all 42 claims
 - Industrial Applicability (Commercialization Potential): Confirmed for all claims.

Peer Review Activities

- **IEEE Engineering Management Review (IEEE)** – 7 manuscripts
- **Current Issues in Tourism (Taylor & Francis)** – 5 manuscripts
- **Knowledge Management & E-Learning (KM&EL)** – 3 manuscripts
- **Journal of Tourism and Services** – 3 manuscripts
- **Mathematical Modelling of Engineering Problems (Techno-Press)** – 2 manuscripts
- **IGI Global (Book Chapters)** – 2 chapters
- **Journal of Tourism, Heritage & Services Marketing** – 2 manuscripts
- **International Journal of Tourism, Culture & Spirituality** – 2 manuscripts
- **Engineering, Technology & Applied Science Research (ETASR)** – 2 manuscripts
- **Frontiers in Psychology** – 1 manuscript
- **Risk Management and Healthcare Policy** – 1 manuscript
- **Journal of Business Analytics** – 1 manuscript
- **Journal of Change Management** – 1 manuscript
- **Cost Effectiveness and Resource Allocation** – 1 manuscript

Total: 39 peer reviews

32 reviews verified via Web of Science Reviewer Recognition Service; 7 additional reviews pending verification.

Articles

Golkarieh, A., Sassani, M., **Khamoushi, S.**, Entezami, M., & Basirat, S. (2026). Intracranial Hemorrhage Diagnosis Using Deep Learning: A Survey of Techniques, Frameworks, and Challenges. *Computer and Decision Making: An International Journal*, 3, 780–804. <https://doi.org/10.59543/comdem.v3i.15543>

Mehrabi Jorshary, K., Sassani, M., Seyed khamoushi, F. S., Raoufi, S., & **Khamoushi, S.** (2025). Ranking of AI-Driven Strategies for Optimizing the Health Tourism Supply Chain Using Stratified BWM. *Knowledge and Decision Systems With Applications*, 1, 295–315. <https://doi.org/10.59543/kadsa.v1i.15051>

Ahmadkhan, K., Ahmadirad, Z., Karaminezhad, K., **Seyedkhamoushi, F.**, Karimi, K., & Khakpash, F. (2025). A novel blockchain-based approach for enhanced food supply chain traceability and waste mitigation. *British Food Journal*, 1-41. <https://doi.org/10.1108/BFJ-05-2024-0430>

Basirat, S., Raoufi, S., Bazmandeh, D., **Khamoushi, S.**, & Entezami, M. (2025). Ranking of AI-based criteria in health tourism using fuzzy Swara method.

Computer and Decision Making: An International Journal, 2, 530–545.
<https://doi.org/10.59543/comdem.v2i.13795>

Seifi, N., Ghoojani, E., Majd, S. S., Maleki, A., & **Khamoushi, S.** (2025). Evaluation and prioritization of artificial intelligence integrated block chain factors in healthcare supply chain: A hybrid Decision Making Approach. *Computer and Decision Making: An International Journal*, 2, 374–405.
<https://doi.org/10.59543/comdem.v2i.11029>

Nawaser, K., Jafarkhani, F., **Khamoushi, S.**, Yazdi, A., Mohsenifard, H., & Gharleghi, B. (2024). The Dark Side of Digitalization: A visual journey of research through Digital Game Addiction and Mental Health. *IEEE Engineering Management Review*, 1–27. <https://doi.org/10.1109/emr.2024.3462740>

Ghazinoory, S., Narimani, M., **Seyedkhamoushi, F.**, & Kazemi, H. (2017). Extracting the innovation policies for Iran based on the approximation of policy implications for comparative economic doctrines. *Economic research-Ekonomiska istraživanja*, 30(1), 1257-1276. <https://doi.org/10.1080/1331677x.2017.1311225>

Book Chapters

Sajjadi Mohammadabadi, S. M., **Seyedkhamoushi, F.**, Mostafavi, M., & Borhani Peikani, M. (2024). Examination of AI's role in Diagnosis, Treatment, and Patient care. In Gupta, M., Kumar, R., & Lu, Z. (Eds.), *Transforming Gender-Based Healthcare with AI and Machine Learning* (1st ed., pp. 221-238). CRC Press.
<https://doi.org/10.1201/9781003473435>

Manuscripts Under Review

Khamoushi, S., Aria, M. (Under review). How AI Tools Support Self-Awareness and Clear Decision-Making in Leadership: A Simple Literature Review with a Complementary Insight from Vedic Thought (Proceedings of WAVES 2026).

Media

Title: *Gold Medal and WIPO Special Award for Iranian Inventor at the 18th International Invention and Innovation Show (INTARG 2025) in Poland – Kayhan London (2025).*

- **Website link:** <https://kayhan.london/1404/04/20/381573/>
- **Facebook link:**
<https://www.facebook.com/kayhanlondon/posts/1548345893110986>
- **Instagram link:** <https://www.instagram.com/p/DL9wLnaNCXD/>

Title: *World and Bronze Medals for Iranian Inventor at Silicon Valley International Invention Festival (SVIIF 2025), USA – Women Walking West (2025).*

- **Website link:** <https://womenwalkingwest.org/good-news/sayeh-khamoushi-earns-awards-at-sviif-2025/>
- **Facebook link:** <https://www.facebook.com/photo/?fbid=1359085246248572&set=a.711469107676859>
- **Instagram link:** <https://www.instagram.com/p/DRVepv2kTOh/?hl=en>

Experience

Main Instructor / Teaching Assistant

Maharishi International University – Iowa, USA (Aug. 2022 – Now)

- Taught Numerical Methods for Decision-making - Statistics (Main Instructor)
- Assisted in teaching:
 - ✓ Assisted in the design and delivery of MBA-level courses involving *Artificial Intelligence in Business Applications, AI & Machine Learning Applications, and Business Analytics.*
 - ✓ Providing instructional support, grading assignments, holding office hours, and contributing to course preparation and academic materials.
 - ✓ Assisted in additional courses, including *Creative Entrepreneurship I, Entrepreneurship Project, and Creative Intelligence in Leadership.*

Data Analyst - Software Testing and Analysis

Maharishi International University – Iowa, USA (Aug. 2021 – Aug. 2022)

- Conducted system analysis and functional testing for university digital learning platforms, including Sakai and Canvas.
- Evaluated system performance, identified functional issues, and supported academic departments in improving digital learning operations.

Lead Software Analyst – Testing and System Analysis

Panosa - Tehran, Iran (Mar. 2019 – Aug. 2021)

Led a data analyst team to improve systems for clients, including:

- Bimano - Insurance brokerage: <http://bimano.ir/>
- Switch - Car Sale Services: www.parsamotor.com
- Cinematicket - Cinema Ticket Sale Services: <https://cinematicket.org/>

Directed testing, validation, and documentation; consulted with departments for system enhancement.

Software Tester

Tadbirpardaz Co. - Tehran, Iran (Oct. 2017- Mar. 2019)

Worked in the QA department; wrote and executed test scenarios and test plans using TFS. Conducted process design, test documentation, and functional analysis.

Volunteer Technical Expert

Nava Scientific Yoga Ins. - Tehran, Iran (Mar. 2016- 2021)

Set up and troubleshoot electronic boards and audiovisual systems

Worked with microphones, mixers, projectors, PLCs, and Cyberoam firewalls.

Manager of R&D department / Product Owner / Software Tester

Novin Gaman Ertebatat Rayanei (NEGAR Co.) - Tehran, Iran (Sep. 2015 - Oct. 2017)

Defined user stories and prioritized backlog; led testing, R&D, and system analysis

Oversaw quality control and coordinated product development.

Organizer of the Education Department

Novin Gaman Ertebatat Rayanei (NEGAR Co.) - Tehran, Iran (Jun. 2008- Sep. 2015)

Planned and managed technical courses in Photoshop, ICDL, Web Design, CCNA, etc. *During 2013 – 2015: part-time*

Volunteer Office Work

Meshkat Danesh Ins. - Tehran, Iran (Jan. 2005- Jan. 2007)

Assisted in the registration and coordination of management training programs.

Skills

Programming language and web technologies:

C++, MATLAB, C#, .Net Framework, HTML, CSS, Microcontroller 8051/8081

Software Testing & Development Tools:

Team Foundation Server (TFS), Agile (SCRUM), Test-Driven Development (TDD), Acceptance Testing, Regression Testing, Integration Testing, Smoke Testing, Exploratory Testing, User Story & Product Backlog Management

Statistical & Data Analysis:

SPSS, PLC (Programmable Logic Controllers), RapidMiner, Microsoft Excel (advanced), Google Data Studio (basic)

Cybersecurity & Networking:

Firewalls (Cyberoam, Kerio), Network basics, System troubleshooting

Design & Visualization Tools:

Adobe Photoshop CC, Microsoft PowerPoint, WordPress (basic), UI/UX basics (understanding of usability and interaction)

Office & Productivity:

Microsoft Office Suite (Word, Excel, PowerPoint), Windows OS (7 and 10)

Business & Management Knowledge:

Accounting concepts, Business process analysis, Project coordination, Leadership, and organizational development

Soft Skills:

Cross-functional collaboration, Communication, Teaching & mentoring, Research writing, Bilingual presentation (English–Farsi)

Farsi (Persian) - Native

English - Fluent (Reading, Writing, Listening, Speaking)

French - Beginner

Management & Leadership:

- Advanced Leadership and Communication Program (Landmark Education, 2007 – India, US)

- Project Management, Leadership Development (Meshkat Danesh Institute, 2005)

Data & Software:

- Google Data Analytics Professional Certificate (in progress – Coursera)

- SPSS – 40 hours (Apr. 2015 – May 2015)

- Data Mining with RapidMiner (Feb. 2014 – Jun. 2014)

- Software Testing (Exploratory & Use Case Methods) (2018)

- WordPress Web Development (2015–2016)

Industry-specific Training:

- Insurance Concepts for Software Analysts (2019)

- Stock Market Basics for Analysts (2017–2018)

Art, Film & Self-awareness:

- Movie Interpretation Courses – Level 1 & 2 (2020–2021)

- TM-Sidhi Program (2023), Transcendental Meditation (2021), Vipassana (2024)

- Yoga & Ayurveda: Pranayama, Yoga Nidra, Panchakarma, Vegan-Ayurveda Lifestyle (India & Iran)

- Photography certificate, Iranian Photographers House (Apr. 2011 – Feb. 2013)

Languages

Selected Specialized Courses & Certifications

Hobbies

Devoted to music, Persian calligraphy, photography, and meditation.

Enjoy traveling and discovering new places, cultures, and ideas.

Interested in reading fiction, learning new subjects, and watching thought-provoking films.

Also enjoy yoga, swimming, and chess as part of a balanced lifestyle.