

Address:

Karaj, Alborz Province, Iran

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Gender male | Date of Birth Month Feb, 1996 | Marital Status Single

More information:**EDUCATION**

2017 - 2019 **Master of Science in Construction Project Management**
 Islamic Azad University, Qazvin Branch, Qazvin, Iran
 GPA: 18.18/20
 2nd Ranked Student
 Thesis Topic: Application of internet of thing (IOT) to integrated crisis management in natural disasters (a case study of Tehran city)
 Under Supervision of Dr. Poriya rashvand and Dr. Mehran Seyedrazaghi

2014 - 2017 **Bachelor of Science in Civil Engineering**
 Islamic Azad University, Karaj Branch, Tehran, Iran
 GPA: 17.30/20

RESEARCH INTEREST

- Integrate Internet of things and Artificial Intelligence in to the Project management
- Smart cities Development
- Applications of information technology to construction management
- Agile Project management
- Decision making system
- Project planning and scheduling using simulation modeling

TEACHING EXPERIENCE

2018-2019 **Teacher Assistant**
 Islamic Azad University, Qazvin Branch, Qazvin, Iran

- Microsoft project
- Project management and fundamentals of project management

2016-2020 **Tutor**
 Taninsaze Mehre alborz Company ,Karaj,Iran

- Project management (Ms Project, fundamentals of project management, Revit Architecture)
- Programming language (Html / Css /Java script / Seo/ Php / Laravel/ Python)

PATENT**Patent**

1. Smart display with the ability to display content based on collective environmental information in the context of the Internet of Things and artificial intelligence,2020(Iran - WIPO)
2. Smart automatic portable machine providing concrete mixing plan in the workshop,2020(under review 2021/02)
3. Portable intelligent consulting device based on artificial intelligence,2021, (Iran)
4. Project management device base on the Internet of Things and AI (under review 2021/06)

International Journals

[1] Akhavan, M., the other authors' name," The relationship between organizational commitment and organizational performance with respect to knowledge sharing (Case study: Selected Project-based organizations)" *Turkish Journal of Computer and Mathematics Education (TURCOMAT)* [accept and publish 2021]

[2] Akhavan, M., the other authors' name," Expectations and organizational realities: the relationship between person and organization" *International Journal of Interdisciplinary Organizational Studies* [revised 2021]

[3] Akhavan, M., the other authors' name," *Integrated internet of thing and fuzzy system to prevent secondary destructive case by the lifeline of city (a case study of Tehran city) "*, *Earthquake Engineering and Engineering Vibration* [submitted 2021]

[4] Akhavan, M., the other authors' name," *The Effect of Emotional Intelligence on Project Managers' Performance and Leadership Style Based on Reuven Bar-On's Model "*, *International Journal of Organizational Analysis* [submitted 2021]

[5] Akhavan, M., the other authors' name," *The Effect of Political Intelligence on Project Managers' Performance and Leadership Style Based on Wayne and Kacmar's Model(Case Study:Karaj Municipality Project Managers) "*,*International Journal of Managing Projects in Business* [submitted 2021]

Persian Conferences

[1] Akhavan, M., the other authors' name, "*Paper for the promotion of HSE management in optimizing the cost of construction projects using fuzzy tops meth*", 4th Sharif university conference, Iran [Poster Presentation, In Persian,2018]

[2] Akhavan, M., the other authors' name, "*Smart urban buildings developed based on sustainability priorities*", 2nd National Conference on Research and Educational Development of Urban and Environmental Architecture, Tehran university conference, Iran [Oral Presentation, In Persian,2017]

[3] Akhavan, M., the other authors' name, "*The role of value engineering in implementation of Imam Khomeini Boulevard intersection project (Karaj city)*", 5th National Conference on Applied Research in Civil Engineering, Architecture and Urban Management, khaje nasir university, Tehran, Iran, [Oral Presentation, In Persian,2018]

[4] Akhavan, M., the other authors' name, "*The article on the role and impact of tourism industry on sustainable development in Iran with the emphasis on agricultural tourism using the SWOT*", 5th International Conference on Civil and Architecture, Shahid Beheshti University, Tehran, Iran [Poster Presentation, In Persian,2017]

[5] Akhavan, M., the other authors' name, "*The Effect of Porous Asphalt on Slip Reduction and Increasing Friction and its Interaction in Accident Reduction*", 3th International Congress on Sustainability in Architecture and Urban Development – Dubai,[Poster Presentation, In Persian,2016]

[6] Akhavan, M., the other authors' name, "*The Role and Impact of Tourism Industry on Economic Development of Host Community with Emphasis on Cultural Attachment (Case Study: Iran)*" 2nd National Conference on Research and Educational Development of Urban and Environmental Architecture, Tehran university conference, Iran [Oral Presentation, In Persian,2017]

Book

- Agile PMI book, 2019,[Translator]
- Opensees tutorial book ,2018,[Author]
- Implementing IOT using the Arduino board and Esp8266, 2019,[Author]
- Construction Program Management – Decision Making and Optimization Techniques, 2019,[Translator]
- Emotional Intelligence Book for Project Managers, 2020[Translator]
- IOT in smart cities, 2020[Translator]
- Computer aided seismic and fire retrofitting analysis of existing high rise reinforced concrete buildings, 2020[Translator]
- A Project Manager's Book of tools and techniques,2021
- Data Analytics in Project Management,2021[Translator]
- Management Game Theory,2021[Translator]

PROFESSIONAL EXPERIENCE

- 2018 – 2021 Pardis Sazan Navid (Website: Mapsens.ir) – Part-Time Assistant Project manager, Tehran Province, Iran
- 2014-Now Taninsaze Mehre Alborz Company – Full-Time Founder and Project Manager, Location: Karaj, Iran
- 2016 – 2021 Pishgam Sanat Alborz Company (Website: hottap.org) – Part-Time Advertisement Consult, Karaj Province, Iran
- 2020 – 2021 Inkare (Website: Inkare.pro) – Part-Time Founder and Developer, Location: Karaj, Iran

SKILLS**Software & Programming**

Expert:

- Project scheduling and controlling (Microsoft project)
- Agile Methodologies
- Microsoft Software (Microsoft Word, Microsoft PowerPoint, Microsoft Excel)
- Revit Architecture
- Backend Programming Language (Laravel-PHP)
- Internet of Things Program Language and Board (Arduino, Raspberry)
- Python

Familiar:

- Image processing and Artificial intelligence
- Analysis and design (ETABS / Safe/AutoCAD)
- PMBOK and project management knowledge areas
- More Info in Personal Website (Mahdiakhavan.ir)

Education Experience**Member**

- Member of the Project management Institute (PMI.org – ID: 5408061)
- Member of the International Federation of Inventors' Associations (IFIA: IR2020DEC244MCXA)
- Member of the Institute of Electrical and Electronics Engineers (IEEE.org – ID: 94824635)
- More Info in Personal Website (Mahdiakhavan.ir)

Advanced Course

- Participation in IOT Course, Shahid Beheshti University, Tehran, Iran ,2018
- Programming language (HTML, CSS, JS, PHP, Laravel, Python), self study, 2014-2020
- Academic Writing, university of Tehran central library and document center, Workshop, Tehran, Iran, 2018
- Advanced Patent Search, Iranian patent Office, Online Workshop, 2021
- More Info in Personal Website (Mahdiakhavan.ir)

Award

- Bronze, International Invention and Innovation Competition, IFIA ,2021(Switzerland, Geneva)
- Silver, Internal Web Developer Competition,2017(Tehran, Iran)

Degree

- ETABS / SAFE Degree from DAS England (2017)
- ISO 9001 (2018 - ID: AGS-IR-Q-0999)
- Electric degree and ICDL 1 (Fani Herfei Organization)
- More Info in Personal Website (Mahdiakhavan.ir)

PROJECT**Software Development**

- Design software for concrete mix design (Android Application)
- Designing an Application for Civil Engineering Assistant (Android Application)
- Inkare (Startup Online Service Request)
- Image processing and object detection
- Search Engine for Iranian patent
- More Info in Personal Website (Mahdiakhavan.ir)

REFERENCES

I have references if you ask for them