



Mohammad Mehdi Keikha

Assistant Professor

Faculty : Mathematics, Statistics and Computer Science

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Education

- ✓ B.Sc, Software Engineering, Ferdowsi University of Mashhad - 2008
- ✓ MS, Software Engineering, University of Isfahan - 2010
- ✓ PhD, Software Engineering, University of Tehran - 2018
- ✓ PhD, Software Engineering, University of Tehran - 2018

Courses

- | | |
|---|---|
| 1. Expert Systems | 2. Data structures |
| 3. Principles of software design | 4. Computer Principles 2 |
| 5. Data structure and algorithm | 6. Fundamental of computer and programming |
| 7. Information Storage and Retrieval | 8. Fundamental of Computer and Programming |
| 9. Artificial intelligence | 10. Fundamentals of Information Technology |
| 11. Data mining | 12. Internet Engineering |
| 13. Information Technology Engineering I | 14. Advanced Programming |
| 15. Introduction to programming and computer pockgs | 16. Introduction to computer |
| 17. Analysis and design of information systems | 18. Fuzzy Logic and Artificial Intelligence |
| 19. Parallel Algorithms | 20. Design and analysis of algorithms |
| 21. Programming languages | 22. Machine Learning |
| 23. Artificial Intelligence and Expert Systems | 24. Topics in computer science |
| 25. Text Mining and Web Mining | 26. Fundamental of Computer and Programming |
| 27. Data structure | 28. Fundamentals of Information Technology |
| 29. Databases | 30. Advanced Artificial Intelligence |
| 31. Special Topics in Artificial Intelligence | 32. Complex Networks |

Thesis

1. Poje

[Mohammad Mehdi Keikha], مائده حاجي ابادي
نیمسال دوم سال تحصیلی 1403-1404

2. proje

[Mohammad Mehdi Keikha], جواد لاري يزدي
نیمسال اول سال تحصیلی 1402-1401

3. projeh

[Mohammad Mehdi Keikha], احمد فلاسي
نیمسال اول سال تحصیلی 00-01

4. projeh

[Mohammad Mehdi Keikha], غزاله ارمان
نیمسال اول سال تحصیلی 00-01

5. projeh

[Mohammad Mehdi Keikha], اميرحسين ساراني
نیمسال اول سال تحصیلی 00-01

6. projeh

[Mohammad Mehdi Keikha], عارف شه بخش
نیمسال اول سال تحصیلی 99-00

7. proje

[Mohammad Mehdi Keikha], نيلوفر كردي تمنداني
نیمسال اول سال تحصیلی 99-00

8. Proje

[Mohammad Mehdi Keikha], مجتبي دهواري
نیمسال دوم سال تحصیلی 98-99

9. Proje

[Mohammad Mehdi Keikha], فاطمه ايجاري
نیمسال اول سال تحصیلی 98-99

10. Proje

[Mohammad Mehdi Keikha], رضا خدري
نیمسال اول سال تحصیلی 98-99

11. Proje

[Mohammad Mehdi Keikha], محمدامين گرگيجي
نیمسال اول سال تحصیلی 98-99

12. Proje

[Mohammad Mehdi Keikha], مجتبي اصغريان
نیمسال دوم سال تحصیلی 97-98

13. Proje

[Mohammad Mehdi Keikha], فروغ كيخا
نیمسال دوم سال تحصیلی 97-98

14. Proje

[Mohammad Mehdi Keikha], مهسا روشن فکر

نیمسال دوم سال تحصیلی 97-98

15. proje

[Mohammad Mehdi Keikha], بهاره کمالی شهری

نیمسال اول سال تحصیلی 97-98

16. proje

[Mohammad Mehdi Keikha], امین مرادقلی

نیمسال اول سال تحصیلی 97-98

17. proje

[Mohammad Mehdi Keikha], سبحان رشیدی

نیمسال اول سال تحصیلی 97-98

Master Thesis

1. Investigation of brain tumor detection methods based on machine learning and magnetic resonance imaging approaches

[Hassan Rezaei, Mohammad Mehdi Keikha], فاطمه نارویی

نیمسال دوم سال تحصیلی 1402-1403

2. Influence Maximization in Social Networks by using Graph Neural Networks

[Mohammad Mehdi Keikha, Amin Rahati], فرناز قوام سعیدی

نیمسال اول سال تحصیلی 1402-1403

3. Nonconvex regularization for sparse neural networks

[Hossein Hosseini Giv, Mohammad Mehdi Keikha, Omid Zabeti, Yahya Kord Tamandani, Haleh Tajadodi], فاطمه میر

نیمسال دوم سال تحصیلی 1401

4. Traffic Load Balancing of Cellular Telecommunication Networks Using Machine Learning

[Mehri Mehrjoo, Mohammad Mehdi Keikha], بهاره برزگر

نیمسال اول سال تحصیلی 1401-1402

5. Finding effective nodes in social networks based on calculating the correlation between neighbors

[Mohammad Mehdi Keikha, Hassan Rezaei, Yahya Kord Tamandani, Mojtaba Bakherad], فرحناز میرزایی گیسکی

نیمسال دوم سال تحصیلی 00-01

6. Influence Maximization on social networks based on structural properties

[Mohammad Mehdi Keikha], مهرداد کریمیان

نیمسال دوم سال تحصیلی 99-00

7. Effective training of convolutional neural networks for age and gender prediction

[Yahya Kord Tamandani, Mohammad Mehdi Keikha], محمدجواد راهداري

نیمسال دوم سال تحصیلی 97-98

8. Micro-array classification by deep neural networks

[Amin Rahati, Mohammad Mehdi Keikha, S S], سعیده علی پور

نیمسال دوم سال تحصیلی 97-98

Journals Papers

2025

1. رویکردی نوین در کاهش ابعاد گراف مبتنی بر یادگیری عمیق با استفاده از منطق فازی و گام های تصادفی

Mohammad Mehdi Keikha,

Volume: (2) 131 - 141

2022

2. Breast Cancer Detection Using Deep Multilayer Neural Networks

Mohammad Mehdi Keikha, Yahya Kord Tamandani

Journal of Epigenetics Volume: (3) 27 - 34

2021

3. DeepLink: A novel link prediction framework based on deep learning

Mohammad Mehdi Keikha, Maseud Rahgozar, Masoud Asadpour

JOURNAL OF INFORMATION SCIENCE Volume: (47) 642 - 657

2020

4. Influence maximization across heterogeneous interconnected networks based on deep learning

Mohammad Mehdi Keikha, Maseud Rahgozar, Masoud Asadpour, Mohammad Faghieh Abdollahi

EXPERT SYSTEMS WITH APPLICATIONS Volume: (140) 112905-1 - 112905-11

2018

5. Community aware random walk for network embedding

Mohammad Mehdi Keikha, maseud rahgozar, masoud asadpour

KNOWLEDGE-BASED SYSTEMS Volume: (148) 47 - 54

2015

6. Discovering compatible users in social networks

Arefeh Kazemi, Mohammad Mehdi Keikha, Mohammad Ali Nematbakhsh

AAPS JOURNAL Volume: (2) 1 -

2013

7. Structural Weights in Ontology Matching

Mohammad Mehdi Keikha, Mohammad Ali Nematbakhsh, Behrouz Tork Ladani

AAPS PHARMSCITECH Volume: (4) 41 - 58

Conferences Papers

2018

1. [Link Prediction on Social Networks Based on Deep Learning](#)

4 th international conference on web research

Mohammad Mehdi Keikha, maseud rahgozar

2. [Network Nodes Community Detection Based on Deep Learning](#)

4 th international conference on web research

Mohammad Mehdi Keikha, maseud rahgozar

2017

3. [Multi Label classification of network nodes based on deep learning](#)

4th International conference on knowledge-based engineering and innovation (KBEI2017)

Mohammad Mehdi Keikha, mansouri behrouz, mohammad sadegh zahedi, maseud rahgozar

4. [A new community detection algorithm based on user interests on social networks](#)

First International conference on computer science and engineering

Mohammad Mehdi Keikha, abolfazl nadi

2011

5. [Improved Simulated Annealing using Momentum Terms](#)

International Conference on Intelligent Systems, Modelling and Simulation

Mohammad Mehdi Keikha

2010

6. [Improving the Accuracy of Intrusion Detection Systems by Using the Combination of Machine Learning Approaches](#)

International Conference of Soft Computing and Pattern Recognition

hadi sarvari, Mohammad Mehdi Keikha

Executive activities

مشاوره دانشجویان کارشناسی

from 1403/07/01 - to 1403/11/05

مشاوره دانشجویان کارشناسی

from 1402/11/21 - to 1403/04/04

مشاوره دانشجویان کارشناسی

from 1402/07/01 - to 1402/11/05