Maedeh Dashti

Isfahan (Khorasgan) Branch, Islamic Azad University
Faculty of Engineering
Phone (Mobile):+(98) 937 045 78 99
E-Mail: maedeh.dashti@sku.ac.ir
maedeh.dashti.research@gmail.com

Education

Sep.2016 – Jan.2017

M.Sc. in Computer Engineering
Isfahan (Khorasgan) Branch, Islamic Azad University, Isfahan, Iran.
○ GPA:**18.91/20**
Thesis: A Model for improving analogy-based software development cost estimation using learnable evolution model (Grade: 20/20)

Sep.2012 – Jun.2014

B.Sc. in Computer Engineering
Aghigh Higher Education Institution, Shahin Shahr, Isfahan, Iran.
○ GPA:**18.39/20**
Thesis: Design a website with PHP, MySql and MVC Technology (Grade: 20/20)

Research Interests

○ Software cost estimation
○ Text Mining
○ Human Aspects of Software Engineering
○ Software Methodologies
○ Software Metrics
○ Artificial Intelligence
○ Machine Learning
○ Fuzzy logic systems
○ Artificial Neural Network
○ Evolutionary Algorithms
○ Clustering Algorithm
○ Natural language processing

Honors and Awards

2018   **Best Paper**, in 3th Conference on the Recent Scientific Achievements in the field of Computer Engineering, Soft Processing and Modern Processing Technologies, Islamic Azad University, Boroujen Branch, Boroujen, Iran, July 5-7, 2018.

2016   **Ranked** 1th, among 35 students of Computer Engineering, Computer Engineering Department, Isfahan (Khorasgan) Branch, Islamic Azad University.

2012   **Ranked**, 1th, among 40 undergraduate students of Computer Engineering Department, Aghigh Higher Education Institution, entering the year.

2011   **Certificate on Internet Website(CIW)** from Paniz Institution.

2009   **Certificate on Photoshop** from Tehran Institute of Technology.

Research and Academic Experiences

Fall 2022	"improvement of self-admitted technical debt identification using machine learning methods", Technical Report, research in Data Science Research Center Shahrekord University.
Spring 2021	"A study on self-admitted technical debt using text mining methods", Technical Report, research in Data Science Research Center Shahrekord University.
Fall 2020	"The development and evaluation of a talent management model ", Preparing to submit for Human Resource Management Review Journal, Research in Data Science Research Center Shahrekord University.
Summer 2020	"A review on identification of self-admitted technical debt ", Preparing to submit for an international conference, research in Data Science Research Center Shahrekord University.
Winter 2019	"A study on talent management models", Technical Report, research in Data Science Research Center Shahrekord University.
Spring 2019	"A review on Technical Debt ", Technical Report, research in Data Science Research Center Shahrekord University.
Fall 2018	"Improvement of software cost estimation using learnable evolution model (LEM)", Technical Report, Dr. T.J. Gandomani, Isfahan (Khorasgan) Branch, Islamic Azad University.
Fall 2017	"A study on meta heuristic algorithms and swarm intelligence software cost estimation, Technical Report, Dr. T.J. Gandomani, Isfahan (Khorasgan) Branch, Islamic Azad University.
Summer 2017	"A review on security Agile methodologies ", Technical Report, MSc. Software Development Methodology, Dr. T. J. Gandomani, Isfahan (Khorasan) Branch, Islamic Azad University.
Spring 2017	"A review on reengineering techniques in software evolution ", Technical Report, MSc. Software Evolution and Maintenance, Dr. T. J. Gandomani, Isfahan (Khorasan) Branch, Islamic Azad University.
Fall 2016	"A review on Crystal methodology in Software Engineering", Technical Report, MSc. Advanced Software Engineering, Dr. K. Mohebbi, Isfahan (Khorasgan) Branch, Islamic Azad University.
Fall 2015	"A review on fuzzy c- means clustring in fuzzy logic systems Technical Report, MSc. fuzzy logic systems, Dr. M. Safayani, Isfahan University of Technology.
Spring 2015	"A review on Differential Evolution in Evolutionary Computing", Technical Report, MSc. Evolutionary Computing, Dr. A. Mirzaei, Isfahan University of Technology.
Winter 2014	I have developed "text classification using transfer learning which implemented on the Hamshahri Newspaper Dataset", Dr. A. Ghadiri, Isfahan University of Technology.
Fall 2014	"A review on Boltzmann machine in Artificial neural network ", Technical Report, MSc. Artificial neural network, Dr. M. Safayani, Isfahan University of Technology.

Publications

○ **M.Dashti**, M.Shahin, H.Khalajzadeh, M.Zahedi, A.R.Nasab "Classification and Summarization of Fairness Concerns in AI-based Mobile App Reviews", in preparation for Journal of System and Software,2023

○ **M.Dashti**, T.J. Gandomani, A.Mashmool "The comprehensive talent management model", in preparation,2023.

○ T.J. Gandomani, **M.Dashti**, M.Z.Nafchi "Hybrid Genetic-Environmental Adaptation Algorithm to Improve Parameters of COCOMO for Software Cost Estimation", Second International Conference on Distributed Computing and High-Performance Computing (DCHPC) (pp. 82-85) , Qom, Iran,2022

- **M.Dashti**, T.J. Gandomani, D. Hasanpoor Adeh, Hazura Zulzalil, Abu Bakar Md Sultan. "LEMABE: A framework to Improve Analogy-based Software Cost Estimation Using Learnable Evolution Model", PeerJ Computer Science 7 (2022), DOI: 10.7717/peerj-cs.800.

- **M.Dashti**, T.J. Gandomani, "A Taxonomy of Approaches and Methods for Software Effort Estimation", Innovations in Computer Science and Engineering (pp. 97-105). Springer, Singapore, (2022), DOI: 10.1007/978-981-16-8987-1_11, Online ISBN: 978-981-16-8987-1

- T.J. Gandomani, A.Mashmool, **M.Dashti**, S.Khosravi, M.N.Sarpiri, M.Radnejad, M.Afshari, S.Khosravi, S.Mansouri "Talent management in agile software development: The state of the art", 3rd EAST INDONESIA CONFERENCE ON COMPUTER AND INFORMATION TECHNOLOGY (EIConCIT), Surabaya, Indonesia,2021

- M.Moradi, **M.Dashti**, M.Samwalda "Summarization of biomedical articles using domain-specific word embeddings and graph ranking", Journal of Biomedical Informatics, Volume 107, (2020), DOI: 10.1016/j.jbi.2020.103452.

- **M.Dashti**, T.J. Gandomani," Categorization of approaches and methods to cost estimation in software development", 3th Conference on the Recent Scientific Achievements in the field of Computer Engineering, Soft Processing and Modern Processing Technologies, Islamic Azad University, Boroujen Branch, Boroujen, Iran, July 5-7, 2018.

- A.Vakilzadeh, **M.Dashti**, T.J. Gandomani," Challenges of using large-scale agile software development methodologies", 3th Conference on the Recent Scientific Achievements in the field of Computer Engineering, Soft Processing and Modern Processing Technologies, Islamic Azad University, Boroujen Branch, Boroujen, Iran, July 5-7, 2018.

- A.Karimi, **M. Dashti**, "Identifying the signs of fraudulent accounts using data mining techniques" 3th National Conference on Modern Approaches to Computer and Electrical Engineering, Rudsar, Islamic Azad University, Rudders and Amlash, Iran, May 5-6, 2017.

Professional Experiences

Fall 2022-Now	Lecturer at University of Shahrekord
Fall 2019-Now	Research assistant at Data Science Research Center
Spring 2018	Teacher assistant of Software Development Methodology, Instructor: Dr. Taghi Javdani Gandomani.
Fall 2018	Teacher assistant of Software Evolution and Maintenance, Instructor: Dr. Taghi Javdani Gandomani.
Fall 2017	Teacher assistant of Advanced Software Engineering, Instructor: Dr. Taghi Javdani Gandomani.
Winter 2017	Teaching Web Design in Tehran Institute of Technology
Fall 2013	Teacher assistant of Differential Equations, Instructor: Mr. Mohammad Reza AghaShahi.

Selected Passed Courses

- Advanced Software Engineering (20/20)
- Software Development Methodology (19.05/20)
- Software Testing (20/20)
- Software Evolution and Maintenance (20/20)
- Advanced Design of Algorithms (19/20)
- Advanced Databases (18.25/20)

- ○ MSc. Seminar (20/20)

Computer skills

Programming	C, C#, PHP, MySQL, HTML, CSS, Python
Engineering Software	Matlab (Programming, Simulink, GUI)
Typesetting	LATEX, Microsoft Office
Graphic and multi-media applications	Adobe Photoshop, Adobe Flash
Software project management	Microsoft Projects

General Skill

- ○ Getting Certificate in Table Tennis coaching from I.R. IRAN Table Tennis Federation in 2009
- ○ Getting Certificate in Table Tennis judgment from I.R. IRAN Table Tennis Federation in 2009
- ○ The N.I.O.C team player has been playing for 10 year
- ○ Employed as director of public relations at Table Tennis Board of the Khuzestan Province of Iran in 2011

Languages

Persian	Native (Mother Tongue)
English	IELTS (5.5), preparing for better IELTS score

References

- ○ Available Upon Request