



Amir Mashmool

Curriculum Vitæ

CONTACT INFORMATION	department of informatics, bioengineering, robotics and system engineering , Genova, Italy	Phone: +39 3279029518 E-mail: amir.mashmool@birjand.ac.ir Gmail: Mashmol.amir at gmail.com
RESEARCH PROFILE LINKS	Google Scholar , Researchgate , Scopus , Orcid , Publons , Academia , Mendeley , Linkedin , Github	
RESEARCH INTERESTS	◇ Software Engineering , Empirical Software Engineering ◇ Artificial Intelligence, Machine Learning, deep learning	
EDUCATION	◇ University of Genova , Genova, Liguria, Italy M.Sc. in Computer Science (Data Science and Engineering) Sep2021-Present ◇ University of Birjand , Birjand, South Khorasan Province, Iran B.Sc. in Computer Engineering (Software Engineering) Sep2016-July2021 Overall GPA:15.23/20 (2.86/4) , GPA (last two semesters):17.24/20 (3.37/4) Thesis title: A Statistical Model to Assess the Team's Productivity in Agile Software Teams Thesis Grade: 20/20. Thesis Supervisor: Samiyeh Khosravi ◇ Imam Hussein High School , Torbat Heydarieh, Khorasan Razavi Province, Iran. Diploma in Physics and Mathematics Discipline. GPA: 17.11/20. 2012 – 2016	
HONORS AND AWARDS	◇ Talented student (based on research) Recognized by University of Birjand May 2021	
RESEARCH EXPERIENCE	◇ Research Assistant 2017 – 2021 Department of Computer Engineering, University of Birjand , Birjand, Iran. Director: Samiyeh Khosravi	
PUBLICATIONS	My research is concentrated in two areas: The first one is Software Engineering and Empirical Software Engineering . The second one is Artificial Intelligence, Machine Learning and Deep Learning . Journal Publications 1. J. Hassannataj Joloudari, M. Haderbadi, A. Mashmool , M. Ghasemigol, S. S. Band and A. Mosavi, "Early Detection of the Advanced Persistent Threat Attack Using Performance Analysis of Deep Learning ". Published in IEEE Access, vol. 8, pp. 186125-186137, 2020, DOI:10.1109/ACCESS.2020.3029202. 2. Habibi, Hossein, Abbas Rasoolzadegan, Amir Mashmool , Shahab S. Band, Anthony Theodore Chronopoulos, and Amir Mosavi. "SaaSRec+: a new context-aware recommendation method for SaaS services." Mathematical Biosciences and Engineering 19, no. 2 (2022): 1471-1495. DOI: 10.3934/mbe.2022068 3. Javad Hassannataj Joloudari, Sanaz Mojrian, Issa Nodehi, Amir Mashmool , Zeynab Kiani Zadegan, Sahar Khanjani Shirkharkolaie, Roohallah Alizadehsani, Tahereh Tamadon, Samiyeh Khosravi, Mitra Akbari Kohneishari, Edris Hassannatajjeloudari, Danial Sharifrazi, Amir Mosavi, Hui Wen Loh, Ru-San Tan and U Rajendra Acharya." Application of artificial intelligence techniques for automated detection of myocardial infarction: a review" Published in Physiological Measurement journal. DOI:10.1088/1361-6579/ac7fd9	

Conference Publications

1. Javdani Gandomani, T.; **Mashmool, A.**; Dashti, M.; Khosravi, S.; Najafi Sarpiri, M.; Radnejad, M.; Afshari, M.; Mansouri, S.; "Talent management in [agile software development](#): The state of the art", Published in: 2021 3rd East Indonesia Conference on Computer and Information Technology (EIConCIT),DOI:10.1109/EIConCIT50028.2021.9431902
2. **Mashmool, A.**; Khosravi, S.; Joloudari, J.H.; Inayat, I.; Javdani Gandomani, T.; Mosavi, A.; "A Statistical Model to Assess the Team's Productivity in [Agile Software Teams](#)". Published in IEEE conference CANDO2021.DOI: 10.1109/CANDO-EPE54223.2021.9667902

Under Review & Preprint Publication

1. Nasab, Ali Rezaei, Mojtaba Shahin, Seyed Ali Hoseyni Raviz, Peng Liang, **Amir Mashmool** and Valentina Lenarduzzi. "An Empirical Study of [Security Practices for Microservices Systems](#)." available in ArXiv.DOI:10.48550/ARXIV.2112.14927

REVIEW EXPERIENCE

- ◇ IEEE Access journal (2) [Certificate](#)

COURSE PROJECTS

- ◇ Design and Implementation of a Game (Passing a Pedestrian from the Street), using C++, Fundamentals of Programming Course, Supervisor: [Dr. H. Saadatfar](#)
- ◇ Design and Implementation of a Dictionary and finding a misspelling words Using C++, Advance programming course, supervisor:[Mr.Mohammad Sadegh navabi](#)
- ◇ Design and Implementation of a project about some mathematic data Engineering, Statistics & Probability course, using SPSS, supervisor: [D.r Mahdi forouzanfar](#)
- ◇ Design and doing a lot of task with max plus and ISE software Also Having a presentation about using FPGA in smart Home(BMS), Digital System Design course, supervisor: [Dr Mehran Taghipour-Gorjikolaie](#)

TECHNICAL EXPERIENCE

Software Development Internship: [Part Software Group](#), Mashhad, Iran July2019-Sep2019 working on the projects by this Methodologies: HTML/HTML 5, CSS/ CSS 3, SASS, node.js

PROFESSIONAL SKILLS

- ◇ Programming Tools and Languages::C/C++, Visual Studio Code
- ◇ Web/DB Technologies: HTML, CSS, JavaScript
- ◇ Operating System:Linux (Ubuntu), Windows
- ◇ Typesetting:TEX, LATEX, Microsoft Word
- ◇ Other: Network+, Max plus
- ◇ Excellent communication skills, both verbal and written as fluent in English and Persian.
- ◇ A Good Team Player who supports and encourages his colleagues
- ◇ Keen interest in research and collaborative research project

ACTIVITIES, MEMBERSHIPS, CERTIFICATES

- ◇ ACM Staff in 7th ACM programing Contest,University of Birjand May 2018
- ◇ Member of Computer Scientific Association,University of Birjand 2016-2018
- ◇ Member of International Association of Engineers (IAENG)
- ◇ Professional Scrum Foundation, Iran Scrum Institute, [Credential URL](#)
- ◇ Internship offer from IAESTE AUSTRALIA, [Certificate](#)
- ◇ Certificate of Participation in IEEE Conference [Certificate](#)

LANGUAGE PROFICIENCY

- Persian (Native), English (Fluent), Arabic (Familiar)
- English, Fluent in Reading, Fairly Good in Speaking, Comprehension and Writing.
- ◇ Duolingo [Certificate](#)
- ◇ EF Standard English Test [Certificate](#)

REFERENCES

[Dr. Mohammad GhasemiGol](#)
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University of Birjand
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[Dr. Hamid Saadatfar](#)
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Dr. Taghi Javdani Gandomani
(SMIEEE)(Assistant Professor)
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