



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	<ul style="list-style-type: none">◇ Software Engineering , Empirical Software Engineering, Agile Software Development◇ Data Science in Software Engineering, Software Analytics, Software Productivity◇ Computer Networks, Network Security, Intrusion Detection◇ Cybersecurity, Cyber Attack, Machine Learning	
EDUCATION	<ul style="list-style-type: none">◇ University of Genova, Genova, Liguria region, 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	<ul style="list-style-type: none">◇ Talented student (based on research) Recognized by University of Birjand May 2021	
RESEARCH EXPERIENCE	<ul style="list-style-type: none">◇ Research Assistant 2017 – 2021 Department of Computer Engineering, University of Birjand , Birjand, Iran. Director: Samiyeh Khosravi	
PUBLICATIONS	Journal Publications <ol style="list-style-type: none">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. Conference Publications <ol style="list-style-type: none">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/EIConCIT50028.2021.94319022. 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". accepted by IEEE conference CANDO2021.	

Under Review & Preprint Publication

1. Joloudari, Javad Hassannataj, Sanaz Mojrian, Issa Nodehi, **Amir Mashmool**, Zeynab Kiani Zadegan, Sahar Khanjani Shirkharkolaie, Tahereh Tamadon et al. "A Survey of Applications of Artificial Intelligence for Myocardial Infarction Disease Diagnosis." arXiv preprint arXiv:2107.06179 (2021).. Under review.

2. 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." ArXiv abs/2112.14927 (2021)

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-Gorjikaie](#)

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

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[Dr. Taghi Javdani Gandomani](#)
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