



Amir Mashmool

Curriculum Vitæ

CONTACT INFORMATION	Department of Informatics, Bioengineering, Robotics and System Engineering , Genova, Italy	Phone: +39 3279029518 E-mail: 5245307@studenti.unige.it Gmail: Mashmol.amir at gmail.com
RESEARCH PROFILE LINKS	Google Scholar , Researchgate , Scopus , Orcid , Publons , Academia , Mendeley , Linkedin , Github , Twitter	
RESEARCH INTERESTS	◇ Software Engineering , Empirical Software Engineering ◇ Human Aspects Of SE, DevOps, Microservices ◇ 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 and Data Science . Journal Publications 1. Ali Rezaei Nasab, Mojtaba Shahin, Seyed Ali Hoseyni Raviz, Peng Liang, Amir Mashmool and Valentina Lenarduzzi. "An Empirical Study of Security Practices for Microservices Systems ." Journal of Systems and Software (2022) 111563. DOI:10.1016/j.jss.2022.111563 2. 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. 3. 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	

4. Javad Hassannataj Joloudari, Sanaz Mojrian, Issa Nodehi, **Amir Mashmool**, Zeynab Kiani Zadegan, Sahar Khanjani Shirkharkolaie, Roohallah Alizadehsani, Tahereh Tamadon, Samiyeh Khosravi, Mitra Akbari Kohneshari, 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

REVIEW
EXPERIENCE

- ◇ IEEE Access journal (2) **Certificate**

COURSE
PROJECTS

Bachelor Course Project

- ◇ 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 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 tasks 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-Gorjikotaie**

Master Course Project

- ◇ Design and Implementation of a smart garden,to accomplish the project, we used Wokiw for simulation, MQTT as a broker, Vue.js for historical data visualization, Node.js as a Js client application, and Ubidots as a user dashboard.**Internet Of Things course**, Supervisors: **Professor Giorgio Delzanno**, **Professor Davide Ancona**. available at **Github**
- ◇ Design and Implementation of a website using d3.js. This project is for visualizing different aspects of the Trento tree dataset. The website aims to provide readable and appealing visualizations for the reader. **Data visualization course**, Supervisors: **Professor Annalisa Barla** available at **Github**
- ◇ Implementation of Naive Bayes algorithm. this project was related to the **machine learning course**. Supervisors: **Professor Nicoletta Noceti**, **Professor Lorenzo Rosasco**. available at **Github**

TECHNICAL
EXPERIENCE

Software Development Internship: **Part Software Group**, Mashhad, Iran July2019-Sep2019 working on the projects by these 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
- ◇ Reference Management Tools: EndNote
- ◇ 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	<ul style="list-style-type: none"> ◇ ACM Staff in 7th ACM programming Contest, University of Birjand ◇ Member of Computer Scientific Association, University of Birjand ◇ Member of the International Association of Engineers (IAENG) ◇ Professional Scrum Foundation, Iran Scrum Institute, Credential URL ◇ Internship offer from IAESTE AUSTRALIA, Certificate ◇ Certificate of Participation - IEEE Conference Certificate ◇ Certificate Of Paper Presentation - IEEE Conference Certificate 	May 2018 2016-2018
LANGUAGE PROFICIENCY	<p>Persian (Native), English (Fluent), Arabic (Familiar)</p> <p>English, Fluent in Reading, Fairly Good in Speaking, Comprehension and Writing.</p> <ul style="list-style-type: none"> ◇ Duolingo Certificate ◇ EF Standard English Test Certificate 	
REFERENCES	<p>Dr. Mohammad GhasemiGol (Assistant Professor) Department of Computer Engineering, University of Birjand ✉ ghasemigol@birjand.ac.ir</p> <p>Dr. Taghi Javdani Gandomani (SMIEEE)(Assistant Professor) University of Shahrekord ✉ javdani@sku.ac.ir</p>	<p>Dr. Hamid Saadatfar (Assistant Professor) Department of Computer Engineering, University of Birjand ✉ saadatfar@birjand.ac.ir</p>