

Mohammad Saleh Ebrahimi Shahabadi

Education

Academic education

Since 2017 **Bachelor of Science in Computer Science**, *Shahid Bahonar University of Kerman, Kerman, Iran.*
CGPA: 3.37/4, Major GPA: 3.84/4 *Ranked 3rd out of 75+ students.*

2014–2017 **Bachelor of Science in Mechanical Engineering**, *Shahid Bahonar University of Kerman, Kerman, Iran*, Changed major to Computer Science.

Admission requirement is being ranked in the 99th percentile in Nationwide University Entrance Exam (Concours).

Certificates [\(click to view the certificate\)](#)

Neural Networks and Deep Learning | deeplearning.ai

Improving Deep Neural Networks | deeplearning.ai

Structuring Machine Learning Projects | deeplearning.ai

Convolutional Neural Networks | deeplearning.ai

Data Science Math Skills | Duke University

How to Write and Publish a Scientific Paper (Project-centered Course) | École Polytechnique

Intro. to TensorFlow for AI, ML, and Deep Learning | deeplearning.ai

Machine Learning with Python | IBM

Technical Skills

Programming, Python, C/C++, MATLAB.

Scripting, HTML, CSS, \LaTeX .

Machine Learning, PyTorch, TensorFlow, Keras, Scikit-Learn.

Data Management, Tableau, Pandas, SQL Server.

Operating Systems, Linux, Windows.

Research Interests

Computer Vision, ..

Natural Language Processing.

Data Mining.

Publications

2019 **Mohammad Saleh Ebrahimi Shahabadi, Hamed Tabrizchi, Marjan Kuchaki Rafsanjani.**

A combination of Clustering-based Under-sampling to overcome Imbalanced Class problem.

Under review at Pattern recognition

Hamed Tabrizchi, Mohammad Saleh Ebrahimi Shahabadi, Marjan Kuchaki Rafsanjani.

A Novel Hybridization of Self-adaptive Multi-verse Optimizer over K-Means for Data Clustering.

Accepted at 8th Joint Congress on Fuzzy and Intelligent Systems- under the supervision of IEEE.

Projects

2015-2017 **Smart wristband for the elderly.**

Objective: Designing a wristband for the elderly to record vital signs and track location in case of an emergency.

Description: The first series of smart wristbands was designed by a group of active students of the Robotics and Mechatronics Association in Shahid Bahonar University of Kerman as a research project under my supervision, passed the design stage and entered the laboratory model construction stage.

Experience

Teaching Experience

Fall Sem. **Advanced Programming Teaching Assistant**, *Shahid Bahonar University of Kerman*.

2018 I was in charge of giving out programming assignments, grading them and holding extra class sessions to solve programming exercises.

Research Experience

Since 2018 **Research Assistant**, *Department of Computer Science, Shahid Bahonar University of Kerman*.

University Services

Since 2019 **Data Mining and Machine Learning Group Member**, *Mahani Mathematical Research Center, Shahid Bahonar University of Kerman*., Attended weekly discussions, gave advice to other members and held a lecture: Clustering-based feature selection (with A. Hassani - 2019).

2019 **3rd Saba Programming Contest Technical Team Member**, *Shahid Bahonar University of Kerman, Kerman, Iran*, I was in charge of technical coordination and my responsibilities included setting up the computers and the network for the contest..

2016-2018 **Head of Mechanical Engineering Scientific Student Association**, *Department of Mechanical Engineering, Shahid Bahonar University of Kerman, Kerman, Iran*.

As the Head of association, I was in charge of holding extra-curricular courses and student guidance. During my tenure, the association won the 9th university-wide HAREKAT award. (1st ranked association in the University)

- Held conferences to acquaint students with various fields of mechanical engineering
- Held various courses for Mechanical Engineering related software for undergraduate students
- Worked on industrial research projects

2015-2017 **Editor-in-chief of "Tik" Scientific Journal**, *Shahid Bahonar University of Kerman, Kerman, Iran*, Honorary student scientific journal at the 7th university-wide HAREKAT competition.

2015-2016 **Robotics and Mechatronics Student Association Member**, *Shahid Bahonar university of Kerman, Kerman, Iran*.

Worked on various projects and attended in national and international robotic and mechatronic competitions. Some of my work includes:

- Held computer programming, electronics and mechanical design courses for students
- Gave advice to students interested in robotics
- Worked on industrial research projects
- Published "Tik" student scientific journal

Honors and Awards

2020 **Distinguished Undergraduate Researcher**, *Department of Mathematics and Computer Science, Shahid Bahonar University of Kerman*., Awarded distinguished researcher among Computer Science students for researches conducted in Machine Learning.

2018 **1st Rank Scientific Association**, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as the **President of Mechanical Engineering Student Scientific Association**, which was chosen as the distinguished association among all scientific associations (80+) in Shahid Bahonar University of Kerman.

2017 **1st Rank Scientific Association**, *Presented by the Minister of Science, Research and Technology of Iran*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association among all scientific associations (9000+) in Iran in the 9th National HAREKAT Competition..

1st Rank Scientific Association, *Presented by the Vice Minister of Science, Research and Technology of Iran*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association among all scientific associations (9000+) in Iran in the 9th National HAREKAT Competition..

1st Rank Scientific Association in the Invention Competition, *Presented by the Vice Minister of Science, Research and Technology of Iran*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association among all scientific associations (9000+) in Iran in the 9th National HAREKAT Competition..

2016 **1st Rank Scientific Association**, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association among all scientific associations (80+) in Shahid Bahonar University of Kerman.

Honorary Student Scientific Journal Award, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as a member of Robotics and Mechatronics Student Scientific Association, honorary student scientific journal award winner among all scientific associations (80+) in Shahid Bahonar University of Kerman.

1st Rank Scientific Association in Creativity, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association in the creative association competition among all scientific associations (80+) in Shahid Bahonar University of Kerman.

1st Rank Scientific Association in Innovation, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association in the innovative association competition among all scientific associations (80+) in Shahid Bahonar University of Kerman.

1st Rank Scientific Association in Entrepreneurship, *Presented by the Vice Chancellor of Shahid Bahonar University of Kerman*, Honored as a member of Robotics and Mechatronics Student Scientific Association, which was chosen as the distinguished association in the innovative association competition among all scientific associations (80+) in Shahid Bahonar University of Kerman.

Languages

English Professional working proficiency
Persian Native speaker

References

Marjan Kuchaki Rafsanjani

Associate professor at department of Computer Science, Shahid Bahonar University of Kerman.
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Arsham Borumand Saeid

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