ALI REZA RAHIMI

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EDUCATION

Bachelor of Science in Computer Engineering (software)   2018 - June 2022
Islamic Azad University, Bardsir, Iran
Note: Islamic Azad University is the second-best university in Iran based on U.S. News

CGPA: 17.64/20 (3.68/4)   **Last 2-year GPA:** 18.69/20 (3.88/4)

RESEARCH INTERESTS

Machine Learning, Bioinformatics, Data Mining

SELECTED COURSES

Fundamentals of Computer Programming: (20/20)   Advanced Programming: (19.5/20)
Operating Systems Laboratory: (20/20)   Computer Workshop: (19/20)
Special Topics 1: (20/20)   Artificial Intelligence: (20/20)
Machines and Language Theory: (19/20)   Research and Technical Presentation: (20/20)
Engineering Probability and Statistics: (19/20)

PUBLICATIONS/WORKS IN PROGRESS

Flexibility Assessment of Virtual Power Plant with Considering Dispatchable Wind Turbine
31th International Conference on Electrical Engineering (Will be submitted)   *2023*

· Mahdi Rahimi, Fatemeh Jahanbani Ardakani, Ali Reza Rahimi.

Flexible Microgrid Scheduling with the Presence of Renewable Energy Resources
31th International Conference on Electrical Engineering (Will be submitted)   *2023*

· Mahdi Rahimi, Fatemeh Jahanbani Ardakani, Ali Reza Rahimi.

Resiliency Improvement of Smart Distribution Network by Island Microgrids Forming
31th International Conference on Electrical Engineering (Will be submitted)   *2023*

· Mehdi Mozaffari Honuomarvar, Mahdi Rahimi, Mohammadreza Mazidi, Alireza Rahimi.

Medical Imaging using Deep Learning (in prep)   2023 – Present
Computer Engineering Department, Shahid Bahonar University of Kerman   *Dr. Mahdi Eftekhari*

· Willingness to develop novel deep learning approaches to automatic video summarization.

Protein–protein interaction prediction with deep learning: A review(in prep)   2023 – Present
Agronomy and Plant Breeding Department, Shahid Bahonar University of Kerman   *Dr. Ali Kazemi pour*

· Willingness to study recent deep learning methods applied to protein–protein interaction

HONORS AND AWARDS

Distinguished Student Award   2019, 2021, 2022

· Awarded for Academic Excellence in Semesters: 1, 2, 5, 6, 7, 8.

Cultural-Activist Award   2021

· Awarded for Tremendous Contributions to Cultural Development

DAFI Tertiary Scholarship Program to pursue Higher Education   2020 – Present

· The United Nations High Commissioner for Refugees

TEACHING EXPERIENCE

Teaching Assistant   September 2020
Department of Computer and IT, Islamic Azad University

· Cooperated with Professor S. Shadravan to redesign the flowchart of bachelor students of the computer science department.

Special Topics 1   January 2021

· Managed and advised students to ensure they learned the material and stayed on the path.

Undergraduate Mentor   2020 – Present
Department of Computer and IT, Islamic Azad University

· Guided and provided initial guidance and helped fresh students with information on processes.

ICDL Instructure   2022 – Present
Bardsir Settlement, Kerman, Iran

· Familiarized Afghan refugees with the computer world and helped them gain practical skills in today's world.

TECHNICAL SKILLS

Programming skills: **Computer-aided design/engineering:**
MATLAB, C, C++, Python, Java, LaTeX   MySQL, Photoshop, GAMS

Mathematical packages: **Other:**
Engineering Probability and Statistics   Linux OS, Windows OS, WordPress

UNIVERSITY SERVICE

Student Assistant   2020 – Present
Department of Computer and IT, Islamic Azad University

· Helped incoming fresh computer students with sources for their triumphant arrival at university and administrative support.

Student Worker   November –December 2019
Office of Public Communications, Islamic Azad University

· Conducted regular operations of the internet center while providing basic guidance for incoming students.

LANGUAGES

English: **GRE-General:**
IELTS: L(8), R(7.5), W(6), S(6), BandScore (7)   Will be taken soon

REFERENCES

Amid Khatibi Bardsiri, Assistant Professor   Zahra Naderi, Assistant Professor
Department of Computer and IT   Department of Computer and IT
Islamic Azad University, Bardsir Branch   Islamic Azad University, Bardsir Branch
A.khatibi@srbiau.ac.ir   Zahranaderidehnavi@bardsiriau.ac.ir

Soodeh Shadravan, Assistant Professor and Head   Vahid Khatibi Bardsiri, Assistant Professor
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