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)

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
ICREDG2024 (Submitted)   2023
· Mahdi Rahimi, Fatemeh Jahanbani Ardakani, Ali Reza Rahimi.

Flexible Microgrid Scheduling with the Presence of Renewable Energy Resources
ICREDG2024 (Submitted)   2023
· Mahdi Rahimi, Fatemeh Jahanbani Ardakani, Ali Reza Rahimi.

Resiliency Improvement of Smart Distribution Network by Island Microgrids Forming
ICREDG2024 (Submitted)   2023
· Mehdi Mozaffari Honuomarvar, Mahdi Rahimi, Mohammadreza Mazidi, Alireza Rahimi.

Exploring Image Processing for Insect Research, Focusing on Bees (in prep)   2023 – Present
Computer Engineering Department, Shahid Bahonar University of Kerman   *Dr. Mahdi Eftekhari*
· Exploring insect-focused image processing for bee studies, aiming to collaborate with research labs.

Exploring Novel Drug Repositioning Strategies for Rare Diseases (in prep)   2023 – Present
Agronomy and Plant Breeding Department, Shahid Bahonar University of Kerman *Dr. Ali Kazemi pour*
· Developing ML models to identify potential drug candidates for rare diseases using multi-omics data

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   2019 – 2022
· The United Nations High Commissioner for Refugees

TEACHING EXPERIENCE

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

· Collaborated with Prof. S. Shadravan to redesign the computer science bachelor students' flowchart.
Special Topics I   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

· Introduced Afghan refugees to practical computer skills for real-world application.

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

· Aided new computer students with resources for a successful university start and administrative guidance.

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 of Department of Computer and IT	Vahid Khatibi Bardsiri, Assistant Professor
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