

EDUCATION

- **M.Sc. in Computer Engineering, Artificial Intelligence**, 2023 - 2025
Islamic Azad University, Karaj Branch, Iran
GPA: 18.92/20
Thesis Topic: Prediction of Gastric Cancer Using Machine Learning
Supervisor: Dr. Sasan Harifi, Advisor: Dr. Javad Mohammadzadeh
- **B.Sc. in Information Technology Engineering**, 2019 - 2021
University of Applied Science and Technology, Tehran, Iran
GPA: 17.54/20
Final Project Topic: Diagnosis of Alzheimer's Disease Using Machine Learning Methods (Grade: 18.5/20)
- **A.Sc. in Hardware Computer**, 2005 - 2007
University of Applied Science and Technology, Tehran, Iran
GPA: 17.59/20

RESEARCH INTERESTS

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Bioinformatics
- Cognitive Science
- Evolutionary Algorithms

PUBLICATIONS

- Reza Hakhamanesh, Javad Mohammadzadeh, Hadi Gholami Khaibary, **Masoomeh Azimi**; Integrating Static and Dynamic Game Theory with Complex Networks: Enhancing Strategy Dynamics through Adaptive Update Rules. *Chaos, Solitons & Fractals*, 2025, <https://doi.org/10.1016/j.chaos.2025.116063>
- **Masoomeh Azimi**, Reza Mohamaddoust, Javad Mohammadzadeh; Proposed Framework for Measuring and Analyzing Charisma on Twitter using Multi-Criteria Decision-Making Techniques, (Under Review)
- **Masoomeh Azimi**, Javad Mohammadzadeh, Hadi Gholami Khaibary, Reza Hakhamanesh; Agent-Based Simulation of Nash Equilibria in Static Complete Games Across Complex Network Topologies, (Under Review)
- **Masoomeh Azimi**, Amineh Amini, Atiyeh Taghizabet, Javad Mohammadzadeh; A Review on Multi-objective Swarm Intelligence Algorithms for Semi-supervised Clustering (Ready to Submit)

ACADEMIC PROJECTS

- Road Accident Casualty Analysis Using Data Analytics
- Clinical Cardiovascular Adverse Events Reported Post-COVID-19 Vaccination
- Engineering Placement Prediction Project using Machine Learning
- Predicting a Child's IQ from Their Mother's Features Using Machine Learning Algorithms
- Hotel Website Development Using HTML, CSS, and JavaScript

TEACHING EXPERIENCE

- **Instructor, 2024 – Present**
Islamic Azad University, Karaj Branch, Iran
Course: Mathematics, Operating Systems, Network Basics
- **Teaching Assistant, 2023**
Islamic Azad University, Karaj Branch, Iran
Course: Linear Algebra
Professor: Dr. Javad Mohammadzadeh

WORKSHOP

- 2-Day workshop on the application of artificial intelligence in future medicine, Islamic Azad University, Karaj, Iran, 2023
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WORK EXPERIENCE

- **CV Creator, March 2020 – Present**
EZAPPLY, Tehran, Iran
 - Creating and editing educational curriculum vitae
 - **Correspondence Expert, September 2020 – Present**
EZAPPLY, Tehran, Iran
 - Corresponding with professors from American and Canadian universities
 - Interacting with and establishing constructive communication with clients, and understanding their stress in sensitive situations
 - **Trainee, March 2022 – June 2022**
The Department of Computer Science - Samrat Ashok Technological Institute, India
 - Completed a training program focused on Machine Learning using Python 3 programming, gaining practical experience in machine learning algorithms and applications
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SKILLS

- **Coding:** Python, C++, HTML, CSS, JavaScript
 - **Programming Libraries:** NumPy, Pandas, Matplotlib, Scikit-learn, PyTorch, TensorFlow, Keras, OpenCV, NLTK, spaCy, Transformers (Hugging Face)
 - **Applied Software:** Jupyter Notebook, Adobe Photoshop, Adobe Illustrator, Microsoft Office, Visual Studio Code
 - **English:** Advanced
 - **Additional Skills:** Web and Tech Savvy, Resilience and Stress Management, Continuous Learning, Organizational and Time Management Skills, Adaptability, Teamwork and Collaboration
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REFERENCES

- Dr. Javad Mohammadzadeh, Associate Professor
Islamic Azad University, Karaj Branch, Iran
Email: j.mohammadzadeh@kiaui.ac.ir
- Eng. Hesam Hamed, CEO
EZAPPLY, Iran