

Maryam Zare

Personal Information:

Name: *Maryam* **Last Name:** *Zare* **Homepage:** <https://maryamzare.page>
Full Passport Name: *Maryam Zarenazari Bayazi* **Linkedin:** <https://linkedin.com/in/mrymzare>
Nationality: *Iranian* **Github:** github.com/maryamZare98
Date of Birth: *January 19, 1998* **Phone:** *+98-9139917782*
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Education:

Master of Science degree:

Condensed Matter Physics from IASBS, Zanjan, Iran (Nov 2021 – Sep 2024)
Thesis title: Thermodynamics of 1D extended Bose-Hubbard model via tensor network
Supervisor: Dr. Seyed Saeed Soyouf Jahromi
Thesis qualification degree: Excellent (Best Possible)
Ranked 1 among M.Sc. graduates in Physics Department, IASBS.

Bachelor of Science degree:

Physics from Kerman University, Kerman, Iran (Oct 2016 – March 2021)
Project title: Thermodynamics of Ising model via Monte Carlo simulation
Supervisor: Dr. Mostafa Motamedifar
Project qualification degree: 19.75 (Max is 20)

Certificate:

Diploma for Quantum Computing and Programming (2022)
Online Workshop: Bronze-Qiskit Diploma Number: QBronze86-48

Poster:

Phase diagram of extended Bose-Hubbard model with tensor networks

The 6th Iranian Conference on Computational Physics, Isfahan University of Technology, Jan. 31st, 2024

Research Interests:

- Integration of multisensory information
- Attention and awareness
- Decision making and judgment
- Learning and memory

Related Skills:

Machine Learning Method
Artificial Neural Network
Deep Learning and Computer Vision algorithms

Computer Knowledge:

Programming: Python
Operating System: Linux
Slurm

Language:

Persian
English

Work Experience:

Data Analyst:

1. Noaein Company
Sep 2021 – Dec 2021
Short internship for data generation and analysis
2. Ardeshirmirza Company
May 2021 – August 2021
News data analytics short term internship