



Zoha Moradi

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About me

Computer Science graduate with strong analytical and programming skills, passionate about intelligent systems, data-driven technologies, and real-world problem solving. Seeking to advance my expertise in machine learning, data science, and advanced computational methods, with the goal of contributing to innovative, research-oriented developments in technology and artificial intelligence.

Education & Training

Bachelor of Science in Computer Science | Islamic Azad University, Science and Research Branch | 23/09/2018 - 06/07/2023 | Tehran, Iran

Final grade: 16.05/20 | Level in EQF 6

High school diploma in Mathematics and Physics | NODET (National Organization For Development Of Exceptional Talents) | 23/09/2013 - 21/09/2017 | Bojnord, Iran

Selected courses

Computer Networks

Fundamentals of Entrepreneurship

Nonlinear Optimization

Combinatorial Optimization

Advanced Programming Concepts (C++)

Research Interests

Data science and applied machine learning

Project scheduling and resource allocation models

Applications of optimization

Software engineering and systems design

Artificial intelligence

Projects

Personal portfolio

Developed with Next.js and Tailwind CSS to showcase projects and skills. The website features a responsive design, smooth navigation, and optimized performance for both desktop and mobile users.

zohamoradi.info

github.com/zohamoradi/portfolio

Database

Designed and implemented a library management system to handle book loans and track availability using SQL.

Group Therapy Startup Plan

Developed and presented an innovative business plan for group therapy, emphasizing community benefits | Fundamentals of Entrepreneurship Project

Academic Translation Projects: English–Persian

Contributed to the Persian translation of selected chapters of the textbook Basic Linear Algebra
Translated multiple academic essays from English to Persian

Teaching Assistant

Fundamentals of entrepreneurship

Reviewed student assignments and projects, offering constructive feedback, supporting learners with their questions, and assisting the instructor in preparing and organizing course materials.

Presentations

Applications of Artificial Intelligence in Network Optimization

GPU processors and their applications in machine learning

Data Envelopment Analysis (DEA) and its applications in computer science

Skills

Technical skills | Database MySQL | Programming: Python, C++

Personal skills | Problem-solving and analytical thinking | Teamwork and collaboration | Leadership and strategic planning | Attention to detail and accuracy | Effective written and verbal communication

Certifications

Python Programming | Amanj Academy | presential

Web Development | Amanj Academy | presential

Language Skills

Mother tongue(s): Persian

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C2	C1	C1	C1	C1

Recommendations

Associate Professor, SRBIAU, Tehran, Iran | Mohsen Rostamy-Malkhalifeh | rostamy.m.malkhalifeh@gmail.com

Guided by Professor Mohsen Rostamy-Malkhalifeh, I completed Entrepreneurship Fundamentals, Undergraduate Project, and Combinatorial Optimization, which advanced my academic and analytical competence.

Assistant Professor, SRBIAU, Tehran, Iran | Dr. Zahra Cheraghali | zcheraghali.zahra@gmail.com

I studied Dynamic Optimization, Nonlinear Optimization, and Database under the supervision of Ms. Zahra Cheraghali.

Hobbies and Interests

Sport and outdoors activity

Yoga | Badminton | Hiking

Creative arts

Culinary Arts | Music | Film