Zoha Moradi

Date of birth: 03/12/1998 | Place of birth: Tehran, Iran | Phone: (+98) 09108082577 (Mobile) | Email address: Zoha.a.moradi@gmail.com | Website: zohamoradi.vercel.app | linkedin: linkedin.com/in/zohamoradi | Address: Iran (Home)

About me

Computer Science graduate with strong skills in programming, optimization, and data analysis. Passionate about intelligent systems, data-driven technologies, and their real-world applications. I am eager to expand my expertise in artificial intelligence, software engineering, and computational methods through the Master's in Computer Science and Engineering at Politecnico di Milano, preparing to contribute to innovative solutions in technology and research.

Education & Training

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

-Developed a database of a library for managing loans and checking the availability of books | SQL

-Developed and presented an innovative business plan for group therapy, emphasizing community benefits

-Achieved excellent grades (A) in the following core courses:

• Computer Networks

• Fundamentals of Entrepreneurship

• Nonlinear Optimization

• Combinatorial Optimization

• Advanced Programming Concepts (C++)

-Applications of Artificial Intelligence in Network Optimization | Presentation

-GPU processors and their applications in machine learning | Presentation

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

-Contributed to the Persian translation od selected chapters of the textbook Basic Linear Algebra

-Translated multiple academic essays from English to Persian

-Causes of flatfoot and treatment approaches, focusing on specific corrective exercises | Presentation

    Final grade: 16.05/20 | **Level in EQF** 6

High school diploma in Mathematics and Physics | NODET (National Organization For Development Of Exceptional Talents) | 01/01/2013 - 31/12/2017 | Bojnord, Iran

Research Interests

Data science and applied machine learning, Mathematical and Combinatorial optimization, Project scheduling and resource allocation models, Applications of optimization, Software Engineering and Systems Design

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.

Language Skills

Mother tongue(s): **Persian**

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

Projects

Personal portfolio

Personal Website – 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.vercel.app

Certifications

Python Programming │ Amanj Academy │ presential │ 31/12/2019

Web Development │ Amanj Academy │ presential │ 31/12/2020

Skills

Programming: Python, C++, │ Database MySQL

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

Passionate about health and fitness, I practice yoga, play badminton, visit the gym, and enjoy long walks in natural settings.