Vajihe MOBASHERI

PROFILE

I'm a Data Science graduate with a keen interest in the application of Artificial Intelligence in the medical field. My master's thesis focused on disease diagnosis using medical images, where I developed deep learning models to improve diagnostic accuracy. I also have work experience in Business Intelligence and Artificial Intelligence. I'm eager to pursue a Ph.D. in AI, focusing on its applications in healthcare, to contribute to innovative research that integrates data science with medical advancements.

CONTACT DETAILS

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➤ Tehran, Iran

PERSONAL INFORMATION

Citizenship: **Iran**

Family: **Single**

Languages: **English** (B2), **Persian** (native)

SOFT SKILLS

- Teamwork
- Responsible
- Crisis Management
- Good interpersonal skills

HOBBIES

- Reading (psychology and Personal Development)
- Cooking
- Gardening

EDUCATION

MASTER IN DATA SCIENSE (SUPERVISED BY DR. EFFATI). Faculty of Mathematics. *Ferdowsi University of Mashhad.*   **2022–2024**
◇ Thesis title: *Classification of medical images containing noise using least squares twin support vector machine method with uncertain data.*
◇ Classification, Image Processing.

BACHELOR OF APPLIED MATHEMATICS. Faculty of Mathematics. *Ferdowsi University of Mashhad.*   **2016–2021**

WORK EXPERIENCE

AI RESEARCHER at *Faraz Pajohan.*   **2024.03–pres.**
◇ Conducting research on large language models and artificial intelligence to identify optimal methods and tools for product development.
◇ Utilizing frameworks like LangChain and ChainLit for AI-driven solutions.
◇ Writing research articles to support product ideas and innovations.

BUSINESS INTELLIGENCE ANALYST at *Faraz Pajohan.*   **2022.10–2024.3**
◇ Data Analysis.
◇ Designing KPI Dashboards and Data Visualization.

SKILLS

PROGRAMMING LANGUAGES: Python

LIBRARIES: Pandas, Numpy, Sk-learn, Vega-Altair, Matplotlib

AI FRAMEWORKS: LangChain, ChainLit

TOOLS: Git, LaTeX

CERTIFICATES

COMPREHENSIVE DATA SCIENCE SPECIALIZATION   **2021–2022**
◇ Tehran University

DASHBOARD DESIGN WITH MICROSOFT POWER BI   **2021**
◇ Tehran Institute of Technology

REFERENCES

Dr. Sohrab Effati
POSITION: Professor
EMPLOYER: Ferdowsi University of Mashhad, Iran
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Dr. Omid Soleimani-Frad
POSITION: Associate Professor
EMPLOYER: Ferdowsi University of Mashhad, Iran
EMAIL: soleimani@um.ac.ir, omidsfard@gmail.com

Dr. Rasoul Ramezanian
POSITION: Senior Researcher
EMPLOYER: University of Lausanne, HEC, Switzerland
EMAIL: rasoul.ramezanian@unil.ch, rasool.ramezanian@gmail.com