



PERSONAL INFORMATION

Date of birth: 13/03/1998
Citizenship: Iran
Family: Single
Languages: English (B2),
Persian (native)

RESEARCH INTEREST

- Artificial Intelligence
- Design
- UI/UX
- Human-AI Collaboration in Design

CONTACT DETAILS

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🌐 linkedin.com/in/VajiheMobasheri
📍 Mashhad, Iran

SOFT SKILLS

- Teamwork
- Design sense
- Fast learn
- Flexibility
- Good interpersonal skills
- Active listening

HOBBIES

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

EDUCATION

Master of Sciense in Data Science

🏢 Department of Mathematics
🏛️ Ferdowsi University of Mashhad(FUM) 2022.09–pres.
📍 Mashhad, Iran
◊ Thesis title: *Least squares twin support vector machine method with uncertain data*
◊ Scientific Experiences: *Supervised learning, Classification, Mathematical optimization*
◊ Supervisor: *Dr. Sohrab Effati*
◊ Grade: 3.41/4
◊ Thesis defense scheduled for February 18, 2025.

Bachelor of Sciense in Applied Mathematics

🏢 Department of Mathematics
🏛️ Ferdowsi University of Mashhad(FUM) 2016.09–2021.09
📍 Mashhad, Iran

WORK EXPERIENCE

AI Researcher

🏢 Faraz Pajohan 2024.03–pres.
◊ Contributed innovative concepts for AI product UI design to improve usability and aesthetics.
◊ Facilitated collaboration with UI/UX designers through structured meetings to align design strategies with product goals.
◊ Tailored and optimized the Chainlit interface for AI-driven products to enhance user experience and functionality.
◊ Crafted detailed and engaging product introduction articles to enhance market awareness and customer understanding.

Business Intelligence Specialist

🏢 Faraz Pajohan 2022.11–2024.3
◊ Conducted data analysis to support strategic decision-making.
◊ Designed KPI-based management dashboards using PowerBI to improve operational visibility.
◊ Created visually appealing and user-friendly dashboard themes using Figma.
◊ Led management meetings to present dashboards, discuss insights, and implement feedback for continuous improvement.

SKILLS

- ◊ Programming: Python(NumPy, pandas, Vega-Altair, Plotly)
- ◊ Web Development: HTML, CSS, JavaScript, React
- ◊ AI Frameworks: LangChain/LangGraph(familiar), ChainLit
- ◊ Tools: Figma, Git, Power BI, ~~WIX~~

PRESENTATION

- ◊ What is Gradient Descent? 2024
- ◊ Attention Is All You Need. 2023
- ◊ What is Elasticsearch? 2023
- ◊ What is Feature Selection? 2022
- ◊ What is PCA and how does it work? 2022

SELECTED COURSES

◇ Big Data	3.6/4	◇ Optimization and Neural Networks	3.4/4
◇ Text Mining	3.5/4	◇ Mathematical Foundations of Data Science	3.4/4
◇ Machine Learning	3.4/4	◇ Data Science Algorithms	3.4/4

PUBLICATIONS

Danayar: A Secure and Intelligent Companion for Organizational Managers in Data-Driven Analysis and Decision-Making. 2024.09

◇ Rasoul Ramezani; [Vajihe Mobasheri](#); MuhammadReza FatehiNia; Somaye Soltani

◇ Type: *Academic-Industrial Research Paper*

◇ 21th International Conference of the Iranian Society of Cryptology.

CERTIFICATES

Comprehensive Data Science Specialization 2021–2022

◇ [Tehran University](#)

Dashboard design with Microsoft Power BI 2021

◇ [Tehran Institute of Technology](#)

OTHER ACTIVITIES

Organized 3 Power BI training workshops.

🏢 Department of Mathematics

🏛️ Ferdowsi University of Mashhad(FUM) 2021,2022,2024

◇ Scientific Association of Statistics

Delivered Linear Algebra tutorials.

📺 YouTube 2022

◇ Collaborated with the [DataHub](#) team for content development.

Delivered short instructional videos on Power BI.

📺 [Aparat \(An Iranian video-sharing platform\)](#) 2021

REFERENCES

Prof. Sohrab Effati

📍 Ferdowsi University, Mashhad, Iran

✉️ s-effati@um.ac.ir

◇ Prof at Department of Mathematics

Prof. Omid Soleimani-Frad

📍 Ferdowsi University, Mashhad, Iran

✉️ soleimani@um.ac.ir, omidsfard@gmail.com

◇ Associated Prof at Department of Mathematics

Prof. Rasoul Ramezani

📍 Lausanne University, Switzerland

✉️ rasoul.ramezani@unil.ch, rasool.ramezani@gmail.com

◇ Senior Researcher at Department of Business and Economics