Mr Mostafa Azami

Data Analyst, Researcher
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PROFILE:

Dedicated Data Analyst and Researcher with 7+ years of experience in data analytics, machine learning, and AI-driven solutions. Proficient in AWS services, deep learning, and recommender systems, with strong expertise in Python, Power BI, and SQL for data analysis and machine learning applications. Skilled at transforming complex data into actionable insights, supporting data-driven decision-making, and optimizing performance.

RESEARCH INTERESTS:

Machine Learning, Deep Learning, Image Processing, Recommender Systems, Data Mining, Few-shot Learning, Large Language Models.

TECHNICAL SKILLS:

- Programming languages (Python, MATLAB, C#, SQL)
- AWS services (S3, DynamoDB, Lambda Functions, API Gateway, Amplify, Sagemaker, Bedrock)
- Data Analyze (Microsoft Power BI)
- TensorFlow, PyTorch, NumPy, Scikit-learn
- Streamlit, Langchain, Boto3
- Excel, Microsoft 365
- Adobe Photoshop
- Joomla, Wordpress

PROFESSIONAL EXPERIENCE:

2017-2023
Data Analyst |General Office of RDP company.
A legal and technological company with about 800 full-time employees in 24 branches.

Key Responsibilities

- Supervising a data analytics project and digitally transforming files by inputting data from over 45M+ physical sheets.
- Analyzing and ranking branches across various work areas based on performance related data.
- Designing brochures and videos to present performance evaluations for the company and its regional branches.
- Creating detailed and comprehensive reports to communicate findings and trends.
- Providing support and training to colleagues for effective use of data and reporting systems.

Achievements

- Proposing AI-based image processing for Auto-detection of type of physical sheets.

- Creating a comprehensive evaluation of regional units that led to a 5-step improvement in the company's national ranking among 32 provincial branches.
- Recognized as an exemplary employee among 800+ employees.
- Proposing '4D Cadaster', incorporating the time dimension into processed 3D mapping data for temporal analysis and chosen as the top idea at the National Conference Transformative Ideas.

2016-2017

Data Analyst | Golrang Company

A commercial company with about 300 full-time and part-time employees

Key Responsibilities

- Analyzing sales data to understand the performance of products or services.
- Providing detailed analyses to the marketing team to improve strategies
- Offering suggestions to enhance sales performance and increase profitability.

2020-2024

- Collaboration in a research project in the field of diagnosis of Covid-19, Mazandaran University of Medical Sciences.
- Cooperation in the research project "Predicting the academic achievement of high school students in Mazandaran province with data mining", Technical and Vocational University of Sari.
- Cooperation in the research project based "Net Zero Transportation Solutions Achieving Sustainable Mobility through Innovative Research", EV-Living Lab, RMIT University.

VOLUNTEER EXPERIENCE:
- South Melbourne Park Primary School (SMPPS), 2024
- Lifeblood Donor Centre, More than 50 successful blood donations, 2008 – 2024

EDUCATION AND QUALIFICATION:

2011-2013: Master in Artificial Intelligence (University of Kurdistan)
Thesis: Hybrid approach for feature selection in high dimensional data for text classification
2006-2011: Bachelor in Computer Science - (IUST University)
Thesis: Survey of Network standards, Security solutions, and management threats in information systems.

Publications:

Book: The author of "Registration of Deeds and Properties Within other laws" book, 2019.

Journal:
- Manizheh Ranjbar, Parham Moradi, **Mostafa Azami**, Mahdi Jalili, "An imputation-based matrix factorization method for improving accuracy of collaborative filtering systems", Elsevier, Engineering Applications of Artificial Intelligence 46 (2015) 58–66. Impact Factor:8 – **Rank=Q1**

- Mohammad Amiri, Manizheh Ranjbar, **Mostafa Azami**. Designing a Voice-controlled Wheelchair for Persian-speaking Users Using Deep Learning Networks with a Small Dataset. Machine Learning Research. Vol. 6, No. 1, 2021, pp. 1-7.
- **Mostafa Azami**, Manij Ranjbar, Ali Shokouhi Rostami, Amir Jahani Amiri, "Increasing the Network Lifetime by Simulated Annealing Algorithm in WSN with Point", International Journal of Ad hoc, Sensor & Ubiquitous Computing (IJASUC) Vol.4, No.2, April 2013. **Rank=Q3**

Journal (Under Review)
- **Mostafa Azami,** Parham Moradi, Laleh Tafakori, Mahdi Jalili, "AGGN: Augmented Gradient Guided Network for Few-Shot Regression", Information Sciences, **Rank=Q1**
- Masoomeh Azami, Maryam Rassouli, Maliheh Nasiri, **Mostafa Azami**, Manij Ranjbar, "Nursing pain management decision support system with neonatal pain management web application", International Journal of Nursing Practice, **Rank=Q1**

Conference:
- **Mostafa Azami**, Manizheh Ranjbar, "Machine learning in artificial intelligence, a new intellectual property challenge", the 8th International Conference on Management, World Trade, Economics, Finance and Social Sciences, Thessaloniki, Greece, 2021.
- **Mostafa Azami**, "The role of new technologies in improving legal opinions and crisis management", The International Conference on Interdisciplinary Studies in Management and Engineering, Tehran, Iran, 2021.
- **Mostafa Azami**, Manizheh Ranjbar, "Green Human Resources Management in registration of deeds and properties organization", International Conference on Challenges and new Solutions Industrial Engineering and Management and Accounting, Mazandaran, Iran, 2020
- Manizheh Ranjbar, Parham Moradi, **Mostafa Azami**, "A Pre-Estimated Factorization Algorithm for Improving accuracy of collaborating filtering Systems", National Conference of Technology, Energy and Data on Electrical and Computer Engineering, Kermanshah, Iran, 2014.
- Parham Moradi, **Mostafa Azami**, "Provide a two-step method for selecting features in text classification based on the bee mating algorithm", 11th Intelligent Systems Conference, Tehran, Iran, 2013.
- **Mostafa Azami**, Parham Moradi, Manizheh Ranjbar, "Presenting a fuzzy clustering method using bee colony optimization algorithm", 21th Iranian conference on electrical engineering, Ferdowsi University of Mashhad, Iran, 2013.

Teaching Experience:
- Tamishan University of Behshahr – (lecturer)- January 2013 till July 2019
- Imam Khomeini Technical and Vocational University, Iran – (lecturer) –2013 till 2015
- University of Applied Science and Technology, Iran – (lecturer) –2013 till 2015

Certifications:
- Learning Path: Prepare data for analysis with Power BI – **Microsoft** - **2025**
- Learning Path: Microsoft Azure Fundamentals: Describe cloud concepts – **Microsoft** - **2024**
- Course: SQL for Data Analysis – **LinkedIn Learning** - **2024**
- National Police Check Certificate – **2024**

- Working With Children Check - **2024**
- Google Collab Python - Online Great Learning Academy - **2023**
- ICDN 1 & ICDN 2 (CCNA) (Sematec IT Specialist Training Centre) – **2017**
- ICDL (Microsoft Word- Excel- Access- PowerPoint- The basics of information technology) (Education and Research Office of Mazandaran Governorate) -**2014**

HONORS AND AWARDS:

- 1st place (Exemplary Clark) in RDP organization between more than 800 employees.
- The Top Idea maker of the national conference of transformative ideas of the RDP organization.
- The first place in general and specific indexes of Shahid Rajaei Festival of Mazandaran province.
- Member of the scientific committee of real estate and cadaster affairs of the second national conference of transformative ideas of the RDP organization.
- Member of the planning committee of the General Directorate of RDP in Mazandaran province.
- Member of the Technical-Commercial Committee for Tendering Credits of the Electronic Archive of the General Administration of RDP of Mazandaran Province

REFEREES

Prof. Mahdi Jalili	Dr. Laleh Tafakori	Dr. Parham Moradi
RMIT University,	RMIT University,	RMIT University,
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