Seyyed Masoud Rezvaninejad

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⬧ Personal Site
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Education

2017–2019	**MBA**, *University of Tehran*, Faculty of management.
Thesis :	Technology Capability Assessment and Gap Analysis – Based on Panda & Ramanathan Model - ZBWM method
CGPA :	3.46/4
2012–2016	**Bachelor of Engineering,Industrial engineering**, *Amirkabir University of Technology*, Tehran Polytechnic).
CGPA :	2.93/4

Test Scores

August 2022	**TOEFL**, Reading : 25	Listening : 28	Speaking : 22	Writing : 25	Total : 100/120.
September 2024	**TOEFL**, Reading : 22	Listening : 25	Speaking : 22	Writing : 21	Total : 90/120.
February 2025	**TOEFL**, Reading : ?	Listening : ?	Speaking : ?	Writing : ?	Total : ?/120.
December 2022	**GRE**, Quantitative : 166/170	Verbal : 155/170	Analytical Writing : 3.5/6 .		

Research Experience

Journal Article(Under review)

2024	**Javad Khaligh, Seyyed Masoud Rezvaninnejad**, A hybrid machine learning model for predicting customer churn under presence of uncertainty, ***Amazonia Investiga*** Journal .

Projects

Projects

2024	***LLM Arabic Fraud Detection***. A simple LLM project to detect fraudulent comments in ride-hailing services using Arabic text data. [Github]
2023	***Dataframe Inserter Package***. A Python package for inserting Pandas DataFrames into MySQL, PostgreSQL, and Google Sheets with ease. [Github]
2022	***Fraud Ring Detection Service***. Developing a Python-based fraud service for Ride-Hailing Services Using Unsupervised Learning
2022	***Skype Listener Bot***. A Python-based Skype bot that listens to a Skype group and returns the user ID. [Github]
2021	***Cancellation Fraud Detection***. Aim to detect fraudulent behavior in ride-hailing services [Github]
2020	***COVID-19 prediction***. Provided a predictive model for the number of deaths due to the coronavirus globally. [Colab]

Further Education

2024	Data Science course, WorldQuant University
2024	Data Engineering with AWS, Packt
2023	Econometrics: Methods and Applications, coursera
2023	Applied Statistical Modeling for Data Analysis in R, Udemy
2022	Data Engineering courses,nikamooz.com
2020	Data Science Course,tihe.ac.ir

Fellowships & Awards

2018	Ranked among the top 1% in the national entrance exam for Iranian universities, Iran, 2017
2012	Ranked among the top 0.2% in the national entrance exam for Iranian universities, Iran, 2012

Work Experience

Snapp.ir: The biggest ride-hailing App in Iran / baly.iq : Ride-hailing App in Iraq

September,2020 – present — **Senior Fraud Analyst and Machine learning expert**.

- Developed and deployed predictive models using machine learning techniques (Logistic Regression, Support Vector Machines, Decision Trees) to predict fraudulent activities, achieving a 95% accuracy rate. This initiative contributed to a 4.5% increase in Gross Merchandise Value (GMV) for the organization.

- Utilized deep learning techniques, including Convolutional Neural Networks (CNN) to enhance the detection of complex fraud patterns.

- Applied Graph Neural Networks (GNN) to identify and analyze fraud rings, resulting in a 10% increase in detection efficiency.

Parsijoo

2017 – June,2020 — **Business Development Specialist**.

As a Business Development Specialist, I was in charge of identifying new leads for expansion in order to grow the company. This overall task was made possible by a myriad of responsibilities, such as Market Research, Analyzing Business Processes, Manage Financial Information, and Customer Service. Parsijoo's main product was tailor-made data processing software, e.g., elasticsearch and spark.

skills

Programming Languages	Python, R, C, C++,go (Programming Language),OOP principles, Agile Development
ML/AI	Tensorflow, Pytorch, Sci-kit Learn, Tree-based methods, bagging, boosting.
Deep Learning	GNN,Tabular Datasets and Reinforcement Learning
Relevant Mathematics	Linear Algebra, Probability Theory, Hypothesis testing
Web Technologies	CSS (Bootstrap) ,Flask
Database	PostgreSQL, MySQL, Apache (Hadoop), Neo4j(Beginner)
virtualization	Docker
Optimization	Lingo

Soft-Skills
- Passion and Motivation for Problem Solving.
- Analytical Thinking, Divergent(Lateral) Thinking
- Attention to Detail
- Effective Communication and Teamwork
- Independent Thinking and Motivation

Misc   Teaching,Academic Research,Curiosity

Others   SPSS,SmartPLS

References and Further information are available upon request.

Last updated: November 28, 2024