

Seyyed Masoud Rezvaninejad

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.
November 2024	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

- 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 **Senior Fraud Analyst and Machine learning expert.**

– present

- 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 – **Business Development Specialist.**

June,2020 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.