Masoud RezvaniNejad

AI Engineer Intern

Amsterdam

0634795587

s.masoudrezvani@gmail.com

Profiles

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I am a data scientist who loves turning raw data into AI systems that deliver tangible business value. I have built fraud models, scheduled pipelines, and simple APIs. My stack includes Python, Airflow, Docker, and AWS to make workflows repeatable. My professional motto is to **keep learning**, build systems that act, learn, and automate useful work.

Experience

baly.iq (Rocket Internet) **Feb 2024 - Nov 2025**
Data Scientist

- Deployed Docker-based services to deliver requested business features quickly, working across tech and ops to meet short release cycles.
- Automated fraud-data pipelines with Airflow, cutting manual work by **30** % and making updates repeatable across environments.
- Tuned database systems using Percona PMM to speed up query response by **20** %, ensuring **99.8** % HA.
- Deployed containerized services with Docker and Ansible to deliver key business features faster when the tech team's backlog delayed development; took ownership of deployment to **keep operations on schedule**.

snapp.ir (Rocket Internet) **Sep 2020 - Feb 2024**
Fraud Data Analyst

- Investigated more than 35 million weekly transactions to spot unusual patterns and explain findings to business teams.
- Built SQL detection rules and Python scripts that flagged abnormal transaction flows within minutes, reducing processing time by **40** %.
- Collaborated with cross-functional teams to translate fraud cases into data logic, refining business rules over multiple iterations.
- Took initiative to learn automation and containerization, laying the groundwork for more scalable fraud-detection tools later used in production.

Parsijoo **Sep 2017 - Sep 2020**
Business Development Specialist

- Conducted market analysis and product research to shape data-processing software strategies.
- Increased client acquisition by 15 % through targeted outreach and feedback-driven feature changes.
- Reviewed business workflows to improve customer response and financial reporting accuracy.

Education

UvA **Sep 2025 - Expected 2026**
Data science Master

Relevant coursework: **Machine Learning & Optimization**, Advanced Analytics for a Better World, **Impact Evaluation**

University of Tehran **Sep 2017 - Sep 2019**
MBA

Earned a GPA of 3.11/4.
Key courses included Strategy, Marketing, and Financial Management.

Amir Kabir University of Technology **Sep 2012 - Nov 2016**
Industrial Engineering BSc

Earned a GPA of 2.9/4.

Key courses included: **Probability and Mathematical Statistics**, Operations Research, **Linear Algebra**, and C programming.

Projects

Smart Telegram Bot using n8n

Built an automation workflow in **n8n** that connects a **Telegram** (messenger) bot to the OpenAI GPT api. Used ngrok to create a secure SSL tunnel for webhook events. Designed logic where each user message triggers a GPT response with short-term context memory to maintain continuity across chats.

LLM Fraud Detection

Designed and trained a fraud-detection model for Arabic text using transformer-based LLMs; applied data-cleaning and evaluation pipelines to make results reproducible for future use cases. [Link].

Interactive Model Interpretation Dashboard

Built and deployed an interactive dashboard using **SHAP** and feature-importance visuals; developed end-to-end APIs with **FastAPI** for model training, evaluation, and visualization; containerized the system with Docker [**Link**].

S3-MinIO Starter Kit

Built a **local S3-compatible storage system** using Docker and MinIO to test data pipelines without cloud cost; later extended a similar setup on **AWS EC2** to explore real-environment behavior **[Link].**

A algorithmic trading system

Worked in a small research group on an **algorithmic-trading system**—a predictive model that analyses live market data to detect trading trends. Built trend-labeling and feature-engineering pipelines in Python with Selenium and Docker to collect and process real-time signals for *XAU/USD* and major *forex pairs*, gaining experience in stream data automation and model experimentation.

COVID-19 prediction

Provided a predictive model for the number of deaths due to the coronavirus globally.[Colab]

Skills

Programming

Python, R, C, Golang, Rust (intermediate)

ML/AI Tools

TensorFlow, PyTorch Geometric, GNN

Databases

PostgreSQL, MySQL, Neo4j, ClickHouse

Automation

Apache Airflow, Ansible(intermediate)

Containerization

Docker

Version Control

Git

Soft Skills

Team leadership, structured problem-solving, clear communication, cross-team coordination.

Certifications

Divide and Conquer, Sorting and Searching, and Randomized Algorithms
coursera
[Link]

Applied Statistical Modeling for Data Analysis in R
Udemy
[Link]

Associate DevOps Engineer
arvancloud
[Link]

Languages

English
Fluent

Netherlands
Basic

Persian
Native

Interests

Deep learning

LLM

MLOps

Agentic AI