



Jalal Pouromid
Data Scientist,
Data Analyst

30 August 1993

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Mohammadjalal Pouromid

Languages skill

Persian (Native)

English

Technical Proficiencies

Statistics

AI

Data Analysis

Python

Academic experiences

R.A. in "Region- Wise EEG Signal Classification: Mapping Brain Activity Using Deep Learning"

T.A. of Selected Topics in Artificial Intelligence

T.A. of Machine Learning

T.A. of Advanced Artificial Intelligence

Brief Introduction

Data Scientist and Python Developer with professional experience in designing and implementing AI-based systems. Skilled in data analysis, statistical modeling, and developing machine learning algorithms. Proficient in Python, Django, PyTorch, and analytical libraries such as Pandas and NumPy. Also experienced in creating interactive dashboards with Power BI and writing informative queries using MySQL and PostgreSQL. With a background in leading companies such as Mofid Securities, my focus is on delivering intelligent solutions and transforming data into actionable insights for strategic decision-making.

Experiences

2023-current

Data Scientist, Python Developer

Cyberuni.ir

- Developed and maintained an AI-powered web platform using the Django framework, contributing as both a Python developer and data scientist.
- Built two AI-driven services: a video transcription tool and an EPUB-to-PDF converter.
- Designed and optimized backend logic to ensure high performance and scalability of AI services.
- Designed and developed a comprehensive Power BI course
- Designed and managed a PostgreSQL database with a focus on efficient data migration and query optimization.
- Created a dynamic dashboard delivering real-time operational insights, including server usability reports for AI services and customer behavior analytics.

2021-2023

serving at compulsory military service

2020-2021

Data Scientist

Mofid Securities

- Developed a recommender system to forecast weekly commodity price, utilizing advanced machine learning algorithms and time-series statistical models on historical market data.
- Fine-tuned the ParsBERT transformer model for sentiment analysis on Persian-language user responses and external content, enriching customer behavior analytics.
- Wrote and optimized MySQL queries to ensure efficient data retrieval, significantly reducing processing time and improving database performance for analytical tasks.
- Designed and developed department-specific dashboards using **Power BI**, covering the entire BI pipeline—data gathering, cleaning, transformation, and visualization—to deliver real-time, actionable insights tailored to each team's strategic needs.
- Built custom **DAX measures and calculated columns** to enable advanced analytics, including KPIs, trend analysis, and dynamic filtering.

2017-2018

web Developer

Dmond Accelerator- Modopia Start-up

- Developed the backend of Modopia's website using the Django framework to ensure robust and scalable functionality.
- Crawled fashion store data using BeautifulSoup to aggregate and process trend information efficiently.
- Managed the database with PostgreSQL, optimizing data storage and retrieval for a seamless user experience.

Education

- 2018 - 2021 M.Sc. in Computer Science (Soft computing and artificial intelligence)
Allameh Tabataba'i University
Tehran, Iran, GPA: 19.26/20.
- 2011-2017 B.Sc. Mathematics
University of Tehran
Tehran, Iran

Publications

- 2022 Attention-based Persian Language Modeling
[Link](#)
- 2021 ParsBERT Post-Training for Sentiment Analysis of Tweets Concerning Stock Market
[Link](#)
- 2021 A Time Step Cascade CNN-LSTM neural network for predicting adjusted close price of 5 largest firms in Tehran stock exchange
[Link](#)

Awards

- 2021 Placed 1st in the 'First Event on Play with Real Data competition'
- 2020 Ranked 1st among computer science students in Master's degree, based on GPA.

Skills

- **Programming Languages:**

Python | Advanced JavaScript | Intermediate

- **Data Science:**

PyTorch | Intermediate scikit-learn | Intermediate Pandas | Intermediate

Numpy | Intermediate Matplotlib | Intermediate

- **Data Analysis:**

MySQL | Intermediate PowerBI | Intermediate DAX | Intermediate

PostgreSQL | Intermediate

- **Web Development:**

HTML,CSS | Advanced Django | Intermediate

- **Version Control:**

Git | Advanced