HAMID JAHANI

Data World & Tech Geek

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in hamid-jahani

EXPERIENCE

Data Scientist

RoomVU

📅 October 2023 – Ongoing ⚲ Canada, Vancouver

MLOps/Data Engineer

Snappfood

📅 July 2022 – November 2023 ⚲ Iran, Tehran

- Developed automated data pipelines for training machine learning models, resulting in accelerated model deployment by 40% and cost savings of $30,000 using Python, Mlflow, Gitlab CI/CD, Docker Swarm to streamline development.
- Designed and deployed MLOps processes and procedures.
- Successfully fulfilled the responsibilities of both Data Analyst and MLOps Engineer roles in a dynamic and challenging work environment for a few months, demonstrating adaptability and a strong work ethic.

Data Analyst & Big Data Scientist

Snappfood

📅 December 2021 – March 2023 ⚲ Iran, Tehran

- Utilized the Kepler data platform and Spark to design a user action warehouse, which greatly aided four teams in tasks such as A/B testing, dashboard design, machine learning, etc. As a result, over 10 dashboards were created, showcasing various user activities on the website using the data from the warehouse.
- Refactored the session creation process on Kepler and successfully reduced the time taken by over 60%
- Quickly onboarded two new data analysts and provided mentorship during their initial development and analysis sprint.
- Developed and deployed multiple machine learning models to forecast churn, provide vendor recommendations, and facilitate auto-completion. Leveraged Streamlit for efficient monitoring, enhancing productivity across production teams.

Business Data Analyst

Digikala

📅 April 2021 – December 2021 ⚲ Iran, Tehran

- Launched an interactive Streamlit dashboard for the vendor clustering task, which saved more than 80 hours of labor working from ten people every week.
- Launched and maintenanced Zeppelin and RStudio Server.
- Designed several dashboards for Sales team.
- Developed a highly accurate machine learning model for churn prediction, resulting in the retention of over 10,000 customers and significant revenue savings.

Data analyst (Co-funder)

LIFE PHILOSOPHY

"Work smart and hard. One of them is not enough. You need both"

SKILLS

🖥 **Programming Languages**

Python R Pyspark

◎ **Tools & Technologies**

GIT Linux (LFCS) T-SQL

DataBase Power BI

Gitlab CI/CD Docker (Swarm)

🔥 **Frameworks & Libraries**

Jupyter HUB Rstudio Spark

Keras

📄 **Statistics & AI**

Machine Learning Statistics

Probability Deep Learning

Exploratory Data Analysis

📄 **Hadoop & Big data ecosystem**

Hive Hbase Trino Traefik

HONORS & AWARDS

🏆

- **Second place at National Master Entrance Exam**. *April 2021 / Iran*
- **Second place in the Statistics Olampiad**. *August 2020 / Iran*
- **Silver Medal of the Statistics Olympiad**. *July 2019 / Iran*
- **Gold Medal in Statistics Competition**. *June 2019 / Iran*
- **First Place in Second and Third Event on Play with Real Data**. *Feb 2023 / World Bank and AGNA co.*

LANGUAGES

English ●●●●○

EDUCATION

M.S. in Data Science

Sage AI (Self-employed)

📅 October 2019 – February 2019 📍 Iran, Tehran

- Our team focused on demand forecasting and bundling using: Time series, Frequent pattern mining, and machine learning.
- Developed a highly effective bundling system at Fidibo company, resulting in a revenue increase of over $40,000 per month.

Tarbiat Modares University

📅 2020 – 2022

- Talented student (4/4)

B.S. in Statistics
Allameh Tabataba'i University

📅 2016 – 2020

- First Rank (3.93/4)

PUBLICATIONS

📖 Books

- A. A. Hamid Jahani, *One Chapter of Handbook of Neural Engineering, Volume 1: Signal Processing Strategies*. Elsevier (Under Develop), 2023.
- H. Jahani, *Mathmatical Statistics with R*. Allameh Tabatabai University Publishing Center, 2020.

📄 Journal Articles

- H. Jahani and A. Safaei, "Efficient deep learning approach to diagnosis of attention deficit hyperactivity disorder in children based on eeg signals," *Under Review*, 2021.
- M. Shafiei Neyestanak, H. Jahani, M. Khodarahmi, J. Zahiri, M. S. Yekaninejad, *et al.*, "A quantitative comparison between focal loss and binary cross-entropy loss in brain tumor auto-segmentation using u-net," 2021.

👥 Conference Proceedings

- Z. a. Hamid Jahani, "A case study of unet neural network model with for segmentation of brain mri images for tumor diagnosis," in *The 7th International Conference on Science and Technology of Electrical, Computer and Mechanical Engineering*, 2022.