

# Alireza Hanifi

## Business Intelligence Analyst . Data Analyst

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🌐 [alirezahanifi.github.io](https://alirezahanifi.github.io)

📍 Tehran, Iran

## Education

### Isfahan University of Technology

B.SC. IN MECHANICAL ENGINEERING

- One of Iran's 5 top universities.

Isfahan, Iran  
Sep, 2015 - Feb, 2020

## Work Experience

### Mofid Securities(Service Center)

BUSINESS INTELLIGENCE SPECIALIST

- Developed analytical and management dashboards in Tableau for customer service, online trading, marketing, and sales areas.
- Produced dashboards in Grafana for agents, team leaders, and supervisors in call center, advanced help desk, and quality assurance departments.
- Utilized PostgreSQL to extract relevant data from various sources and ensured data accuracy through cleaning and validation. Employed techniques like data modeling, database design, indexing, and query optimization to improve database performance.
- Analyzed data and generated insights using Python. Utilized statistical techniques, data visualization, and machine learning algorithms to identify patterns and trends in large datasets.

Tehran, Iran  
Oct, 2022 - Now  
(8 mos)

### Hamtech

ARTIFICIAL INTELLIGENCE INTERN

- Produced a tool called [InsightiFi](#) using machine learning models, price data, and technical analysis to guide investors of Mobarakeh steel company.
- Utilized Docker to deploy the product and divide it into prediction service and API. Fast API was also used to transfer prediction to users.
- Documented the development process and provided detailed instructions on how to use the tool.

Tehran, Iran  
Sep, 2022 - Nov, 2022  
(3 mos)

### Mofid Academy

FINANCE INTERN

- Acquired familiarity with Iran's capital market and trading tools, as well as technical and fundamental analysis techniques.
- Demonstrated expertise in customer relationship management utilizing tools such as Microsoft Dynamics.
- Developed soft skills such as teamwork, creativity, coaching, and an understanding of personality types such as MBTI and DISC.
- Contributed to two projects:
  1. Conducted research and development on the application of artificial intelligence in the financial industry and algorithmic trading.
  2. Conducted data analysis on the Tehran Stock Exchange's investment fund portfolio.

Tehran, Iran  
Jul, 2022 - Sept, 2022  
(3 mos)

## Skills

<b>Data Science</b>	Python3 (scikit-learn, Pandas, NumPy, Matplotlib, Tensorflow, Keras, OpenCV, FastAPI), JavaScript (Apache ECharts), Tableau, Grafana, PostgreSQL, Docker, and Machine Learning.
<b>Tools</b>	Git, Microsoft Office, Confluence, Jira, and Trello.
<b>Operating Systems</b>	Windows and Ubuntu.
<b>Soft Skills</b>	Teamwork, Easily Adaptable, Critical Thinking, Writing Skills, Presentation Skills, Report Writing, Self-Management, Self-Awareness, and Responsibility.
<b>Languages</b>	English(Fluent) and Persian(Native).

## Projects

<b><u>ML projects with python</u></b> <ul style="list-style-type: none"><li>• Predicting house prices (A regression project).</li><li>• Classifying heart attack (A binary classification project).</li><li>• Customer segmentation (A clustering project).</li><li>• Movie recommendation system (A recommendation system project).</li></ul>	2022
<b><u>My Journey into Deep Learning</u></b> <ul style="list-style-type: none"><li>• CIFAR-10 Image classification using simple CNN and MobileNetV2.</li></ul>	2022
<b><u>More-time-with-Kaggle</u></b> <ul style="list-style-type: none"><li>• Santander Customer Transaction Prediction with PCA and DAE using LR and LGBM.</li></ul>	2022
<b><u>Movies Frame by Frame</u></b> <ul style="list-style-type: none"><li>• Extracting video frames and concatenate them using OpenCV in Python.</li></ul>	2022

## Online Courses

- Deep Learning Specialization by Andrew Ng (at coursera.org). [[certified](#)]
- Machine Learning by Andrew Ng (at coursera.org). [[audited](#)]
- Machine Learning with Python by Jodi (at maktabkhooneh.org). [[certified](#)]
- SQL for Data Science (at coursera.org). [[certified](#)]
- Probability and Statistics in Engineering by Sharifi-Zarchi (at maktabkhooneh.org). [[audited](#)]
- Linux (at quera.org). [[certified](#)]