Alireza Hanifi

Data Scientist . Data Analyst

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Summary

I graduated from the Isfahan University of Technology with a degree in mechanical engineering. Working with laboratory data made me interested in data science and analysis. Financial activity and the importance of big data have increasingly prompted me to learn and analyze data. I am still engaged in personal learning and studies in this field and I am extremely eager to gain work and gain experience in the field of artificial intelligence and data science.

Research Interests

• Machine Learning   • Deep Learning   • Computer Vision   • Natural Language Processing   • FinTech

Education

Isfahan University of Technology

B.SC. IN MECHANICAL ENGINEERING

Isfahan, Iran
September, 2015
-
February, 2020

• One of Iran's 5 top universities.
• Selected courses: Fundamentals of Programming (16.2/20), Calculus I (18.9/20), Calculus II (18.3/20), Differential Equations (18.5/20), Engineering Mathematics (17/20).

Allameh Helli High School

DIPLOMA IN MATHEMATICS AND PHYSICS DISCIPLINE

Tehran, Iran
October, 2011
-
September, 2015

• Affiliated with the National Organization for the Development of Exceptional Talents.

Online Courses

• Probability and Statistics in Engineering by Sharifi-Zarchi (at maktabkhooneh.org). [audited]

• Introduction to SQL (at datacamp.com). [certified]

• Machine Learning with Python by Jadi (at maktabkhooneh.org). [certified]

• Machine Learning by Andrew Ng (at coursera.org). [audited]

• Linux (at quera.org). [certified]

• Deep Learning Specialization by Andrew Ng (at coursera.org). [certified]

Skills

Data Science:	Python3 (scikit-learn, Pandas, NumPy, Matplotlib, Tensorflow, Keras), SQL, Machine Learning, Deep Learning.
Tools:	Git, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Adobe Premiere Pro.
Operating Systems:	Windows, Ubuntu.
Soft Skills:	Teamwork, Easily Adaptable, Critical Thinking, Writing Skills, Presentation Skills, Report Writing, Self-Management, Self-Awareness, Responsibility.
Languages:	English(Fluent), Persian(Native).

Projects

ML projects with python

2022

- Predicting house prices (A regression project).
- Classifying heart attack (A binary classification project).
- Customer segmentation (A clustering project).
- Movie recommendation system (A recommendation system project).

My Journey into Deep Learning

2022

- CIFAR-10 Image classification using simple CNN and MobileNetV2.

More-time-with-Kaggle

2022

- Santander Customer Transaction Prediction with PCA and DAE using LR and LGBM.

Movies Frame by Frame

2022

- Extracting video frames and concatenate them using OpenCV in Python.