Mohammad Abbasi

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absi1377@hotmail.com | Mohammad Abbasi Chahardah Cherik (linkdin) | GitHub : ma14ch

SKILLS

PROGRAMMING
Python and iPython Notebook
R
JavaScript, HTML, and CSS
MySQL
Matlab
...

MACHINE LEARNING
Regression
Support Vector Machines
Naive Bayes
K-Nearest Neighbors
Decision Trees
Cluster Analysis
Natural Language Processing
...

DEEP LEARNING
Neural Networks
CNN
GNN
RNN
GANs
Encoder & Decoder
Transformers
...

SOFTWARE
Rapid Miner
Cvat
Label Studio
Canva
Figma
ML Studio
LaTeX
...

OPERATION SYSTEMS
Linux (Expert)
Windows

PLATFORMS
Anaconda
NVIDIA™NEMO
Git
GitHub
Docker
LibRecommender
Cornac

EXPERIENCE

ZILABS |Data Scientist
Apr 2024 – now | Tehran, Tehran, Zilabs
- Voice-to-voice Persian Chatbot (available on Github)
- Big Data Recommender Systems Using TwoTower, DeepFM, Wide & Deep, etc...
- Health Knowledged Food Recommender System For North American Culture
- Review On Food Recommender Systems
- Big Data Preprocessing For DL and ML purpose
- Apache Server, SQL Server, phpmyadmin, ...
- ...

ENTEKHAB INDUSTRIAL GROUP |AI Specialist
Nov 2023 – Apr 2024 | Isfahan,Iran,SnowaTec

- RAG For Instruction Manuals
- Food Recommender System Using TelegramBot (available on Github)
- Feature Extraction and Name Entity Recognition by Fine-Tuning Language Models
- Text Generation And Feature Extraction Using LLMs
- Building Translation Models Using Transformers
- Developing Food Recommender System Based On Food Ingredients
- ASR, TTS, LLMs AND Generative AI Using NVIDIA™NEMO
- Digikala And Amazon Products User Comments Gathering And Analyzing (available on Github)
- ...

ENTEKHAB INDUSTRIAL GROUP | Technology Forecast Expert
Sep 2022 – Nov 2023 | Isfahan,Iran,SnowaTec
- Monitoring artificial intelligence centers of companies related to household appliances (Bosch, Samsung, LG, etc.)
- Examining The Structure of Artificial Intelligence Platform and Online Services of Prominent Home Appliance Companies
- Patent Search
- Benchmark Smart Home appliances and Future Trends
- ...

IRANSMARTECH | Content Creator and Website designer
2021 – 2022 | Isfahan,Iran
- Design elements and posters with Photoshop
- Website Developer Using Wordpress

FARDA SANJESH SARMAYEH(FSSCO.) | Website designer
2017 – 2018 | Isfahan,Iran
- Website Developer Using Wordpress

INTERESTS

RESEARCH INTERESTS
Large Language Models
Recommender Systems
SAR & ISAR Image Processing
AI Futurology
Policy making in Artificial Intelligence
Industry 4.0

HOBBIES
Photography
Cycling
Running
Theater
Cinema

LANGUAGES
Persian (Native)
English (Dominate)

EDUCATION

UNIVERSITY OF ISFAHAN | MSc in Artificial Intelligence
2022 – 2024 | Isfahan,Iran
- Advanced algorithms, Advanced calculation theory, Advanced Artificial Intelligence, Machine learning, Theoretical foundations of cryptography, Computational data mining, Deep learning
- Health-aware Food Recommender System (Thesis)

UNIVERSITY OF ISFAHAN | BSc in Computer Science
2017 – 2021 | Isfahan,Iran
- Computer basics and programming, Advanced Programming, Basics of Mathematical Sciences, General Mathematics 1,2, Principles of Computer Systems, Basics of Combinations, Basics of Matrices and Linear Algebra, Basics of Logic and Set Theory, Fundamentals of Numerical Analysis, Principles of Operating Systems, Designing and Analyzing Algorithms, Mathematics Database, Bases of Probability, Differential Equations, Linear Optimization, Theory of Calculation, Basics of Algebra, Encryption, Coding Theory, Latex, Matlab, Special Topics in Computer Science(Artificial Intelligence), Logic Circuits

BOOKS AND COURSES

BOOKS

- Data Mining: Concepts and Techniques(by Jiawei Han)
- Introduction to Algorithms(CLRS)
- Artificial Intelligence - A Modern Approach (2010, Prentice Hall)
- Decision Support Systems for Business Intelligence, 2nd Edition (2010, Wiley)
- Matrix Methods in Data Mining and Pattern Recognition (Lars Eldén)
- Deep Learning with Python (by François Chollet)

COURSES

- Git - GreatLearning (Certified)
- LLM Hackaton - Quera (Certified)
- Data Science Foundations Data Mining -Lynda
- R Programming AZ R For Data Science With Real Exercises - Udemy
- Learn the 2020 Advanced Python Programming - Udemy
- CS50AI 2023 - Harvard