

Mohammad Ahmadi Ganjei



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in linkedin

🚩 About me: I analyze data and develop intelligent algorithms and models capable of learning and interpreting data to predict events and trends. I have in-depth knowledge of data science, programming languages, mathematics and the development of machine learning algorithms.

🎓 Education

MASTER OF SCIENCE, Artificial Intelligence,

Shiraz University 🔗

09/2016 – 09/2019

- Overall GPA: 17.68/20.00 - (without thesis grade)
- Ranked 3rd
- Thesis Grade: Excellent 19.40/20.00

BACHELOR OF SCIENCE, Computer Engineering,

Shiraz University 🔗

09/2010 – 07/2015

- Overall GPA: 15.17/20.00
- Ranked 3rd

🧠 Skills

Artificial Intelligence (Machine Learning, Data Science, Image Processing, Optimization, Bioinformatics, Deep Learning, High-Dimensional Data, Data Visualization, Data Pre-processing, Research, Numpy, Pandas, Matplotlib, Scikit Learn, SciPy, Jupyter, Pycharm, NLP, Keras, PySpark, Weka)

Programming (Python, Matlab, Java, SQL, C, C++, OOP)

Other (Google Colab, Algorithm Design, Data Structures, Mathematics, Statistics, Graph, Eclipse, Web Scraping, Microsoft Office, Latex, Photoshop cs, Google Earth)

🌐 Languages

English | Persian

📁 Professional Experience

Data Scientist, Ministry of Information Technology 🔗

12/2019 – 12/2021

- Responsibilities: Building predictive models, Data Visualisation, Organising data into usable formats, Collecting Data, Data Analysis, Programming (Python, Java), Preparing reports for executive and project teams

University Lecturer, Yasouj University 🔗

09/2020 – 02/2021

- Course: The Design and Analysis of Algorithms

Data Scientist, ZEICO Company

12/2017 – 12/2019

- Responsibilities: Identifying relevant data sources for business needs, Collecting data, Processing, cleansing & verifying of data

Teacher Assistant,

Shiraz University (CSE & IT Dept) 🔗

09/2013 – 02/2019

- Courses: Advanced Statistical Pattern Recognition, Artificial Intelligence, The Fundamentals of Programming, Microprocessors

Machine Learning Researcher, Machine Vision Lab of Shiraz University (CSE & IT Dept) 🔗

11/2016 – 11/2017

- Responsibilities: Clean and interpret data and build models using a combination of machine learning algorithms and data, Programming (Python, Matlab), Feature Engineering

Android Developer and Freelancer (Self-funded),

CafeBazaar, Myket (app stores), and Parscoders 🔗

02/2013 – 11/2015

- Responsibilities: Design and Implementation of six Entertainment applications, Design and Implementation of a video and sound mix application

Computer Engineer (Internship),

Iran National Standards Organization 🔗

07/2015 – 10/2015




- Responsibilities: Creating various types of hardware and software like routers, circuit boards or computer programs

📁 Projects

Propose and accomplishment an Automatic Clothing Recognition and Product Suggestions (Fashion Recommender System) for websites or clothing shopping 🔗

Design and implementation of three new feature selection algorithms for high-dimensional data and the Implementation of tens Hybrid, Wrapper, and filter Feature Selection Algorithms 🔗

Papers:

- M. A. Ganjei, R.Boostani, (2022). "A Hybrid Feature Selection Scheme for High-Dimensional Data." Engineering Applications of Artificial Intelligence. Volume 113,2022, 104894, <https://doi.org/10.1016/j.engappai.2022.104894> 
- M. A. Ganjei and R. Boostani, "A Fast Hybrid Feature Selection Method," 2019 9th IEEE International Conference on Computer and Knowledge Engineering (ICCKE), Mashhad, Iran, 2019, pp. 6-11, <https://ieeexplore.ieee.org/document/8964884> 
- K. Shirini, N. R. Zamir, M. A. Ganjei, and M. R. Feizi-Derakhshi, "Improving Gender Recognition Using Fingerprint with SVM, KNN, and Decision Tree," 3rd National Conference on Computer, information technology and applications of artificial intelligence, Chamran University, Ahvaz, Iran, 2020 

Book:

- M.Ahmadi Ganjei, K.Shirini, Feature Selection & Dimension Reduction in Machine Learning, 2020, Akhtar Publications 

Developing two online forecasting software with statistical and machine learning algorithms for stock market data 

Generating an online software for Putting Glasses or Sunglasses on a Person's Face on a shopping website 

Making a model for the Sberbank Housing Market prediction competition hosted on Kaggle 

Build online software to extract and check website information 

Design and implementation of android software for Ministry of ICT 