

MARYAM TAHERI

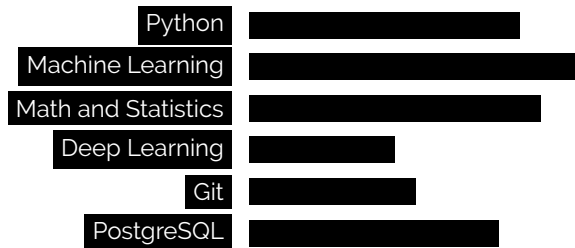
Fresh Data Scientist

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WHO AM I?

I was born in 1995. Currently I am studying Artificial Intelligence (AI) at AmirKabir University of Technology. Under the supervision of Professor Mazlaghani, I am trying to develop a statistical-based image retrieval model as my master's thesis. Used to develop some academic projects, now I am interested in real-world problems.



EDUCATION

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|---------------|---|---|
| 2018 – Now | M. Sc. Artificial Intelligence (AI)
Thesis title: Image retrieval based on statistical modeling
passed course : Machine Learning, Statistical Machine Learning, Optimization, Pattern Recognition, Digital Image Processing, Evolutionary Computing, Fuzzy Systems | Amirkabir University of Technology, Tehran |
| 2013 – 3/2018 | B. Sc. Software Engineer
Thesis title: To Introduce a Dimension Reduction based on Multi Objective PSO for Classification Problem | Babol Noshirvani University of Technology |

PROJECTS

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|---------|--|--|
| 12/2019 | Triangle Generalized Preferential Attachment
Implement 2 state of the art graph representation Models for Complex Networks in real world (TGPAi and TGPAii).
Numpy / Networkx / Scipy / Matplotlib | Complex Networks Project |
| 5/2020 | Car Price Prediction
A warm-up for using numpy and pandas libraries and their functionalities for predicting car prices based on a UCI dataset, also it is used to analyse and model clean data and plot different graphs.
Numpy / Pandas / Seaborn / MatplotlibSklearn | Data Visualization IBM course @Coursera |
| 7/2020 | Spam Text Message Detection
A Text Classification Project Using Kaggle dataset with Naive Bayes and SVM model for training and get 98% accuracy.
Pandas / Numpy / sklearn / Tfidf-Vectorize | Self-Made Project |
| 10/2020 | Breast Cancer Detection
A 2class Classification prediction for image Breast Cancer dataset and read data from the name of files and use SVM(Linear svm and RBF kernel) and Random Forest modeling.
Plotlib / Pickle / sklearn | Self-Made Project |

EXPERIENCES

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|-----------------|---|---|
| 2016 – 2020 | Lecturer and Teaching Assistant
Database Lab (AUT), Data Structures (AUT), Algorithm design (NIT) | AUT and NIT (Both my Universities) |
| 3/2018 – 9/2018 | Web Developer
WordPress / HTML / CSS3 / PHP | Danesh Gostar shomal |
| 6/2015 – 9/2015 | Intern to Web Design
HTML / CSS / ASP.Net / MySQL / Photoshop | Rasa Rayan |