MARYAM TAHERI

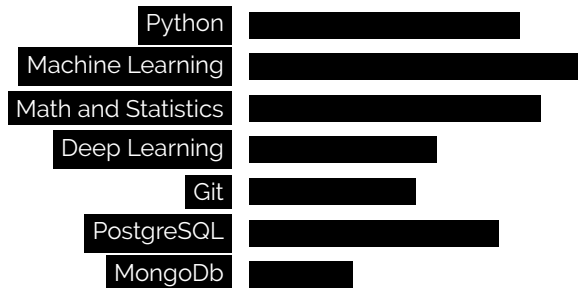## Fresh Data Scientist

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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.

- Python
- Machine Learning
- Math and Statistics
- Deep Learning
- Git
- PostgreSQL
- MongoDb

EDUCATION

2018 – Now	**M. Sc. Artificial Intelligence (AI)**	**Amirkabir University of Technology, Tehran**

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

2013 – 3/2018	**B. Sc. Software Engineer**	**Babol Noshirvani University of Technology**

Thesis title: To Introduce a Dimension Reduction based on Multi Objective PSO for Classification Problem

PROJECTS

12/2019	**Triangle Generalized Preferential Attachment**	**Complex Networks Project**

Implement 2 state of the art graph representation Models for Complex Networks in real world (TGPAi and TGPAii).
`Numpy / Networkx / Scipy / Matplotlib`

5/2020	**Car Price Prediction**	**Data Visualization IBM course @Coursera**

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 / Matplotlib / Sklearn`

7/2020	**Spam Text Massage Detection**	**Self-Made Project**

A Text Classification Project Using Kaggle dataset with Naive Bayes and SVM model for training and get 98% accuracy.
`Pandas / Numpy / sklearn / Tfidf-Vectorize`

10/2020	**Sentiment Analysis with LSTM**	**Self-Made Project**

A 4 layers LSTM model fitting on Amazon review dataset and get 94% accuracy result.
`Tensorflow / Keras / sklearn`

EXPERIENCES

2016 – 2020	**Lecturer and Teaching Assistant**	**AUT and NIT (Both my Universities)**

Database Lab (AUT), Data Structures (AUT), Algorithm design (NIT)

3/2018 – 9/2018	**Web Developer**	**Danesh Gostar shomal**

`WordPress / HTML / CSS3 / PHP`

6/2015 – 9/2015	**Intern to Web Design**	**Rasa Rayan**

`HTML / CSS / ASP.Net / MySQL / Photoshop`