Rasoul Norouzi, M.Sc., Ing.

E-mail: rslnorouzi@gmail.com   Web: https://rasoulnorouzi.github.io/

Phone number: (+98)9367226158   Address: Azadegan Avenue, 91, Karaj, IRAN

EDUCATION

M.Sc. in Information Technology (IT), Tarbiat Modares University, Tehran, Iran

- Graduated with distinguished degree

- GPA: 17.74 out of 20 (above 88%)

B.Sc. in Industrial Engineering, Karaj Azad University, Karaj, Iran

Principles of Machine Learning, Microsoft Professionals AI Programs, EDX.org, Free participant

Essential Mathematics for Artificial Intelligence, Microsoft Professionals AI Programs, EDX.org, Free participant

Intro to Computer Science, Udacity.com, Free participant

WORK EXPERIENCE

2018-Present
Insta Analyzer
Developing and writing algorithms code to analyze people's social networks and reach increased their popularity on Instagram.

February 2019- march 2019
DTScientist Company
As a python programmer Developed Python codes for startup company which could crawl and scrape particular websites data that needs to solve CAPTCHA code

April 2019- June 2019
BabyPro Company
As a data scientist raised the effectiveness of BabyPro company marketing, comments of competing companies in Instagram extracted and by using Social Network Analysis effective persons based on their centrality and betweenness in the network identified

October 2018- December 2018
Data researcher in Research Department of Tarbiat Modarres University
Employed text mining techniques, extracted research clusters from Tarbiat Modarres University based on 5,000 Papers and compared them with the research fields they intend to carry out in their future studies. also examined the research areas of interest of the professors and their relevance

HONORS & AWARDS

- Ranked Top one percent among more than 7,000 participants in the national universities' entrance exam for M.Sc. degree

- M.Sc. Thesis received and accepted with perfect score (20 of 20)
- Earned the perfect score for proposing a business plan in Health information technology Domain and presenting it in a pitch deck event

PERSONAL SKILLS

Programming/Scripting Languages
- Python(advance): Implementing machine learning Packages, working with the mathematical operations, loading and manipulating data, scrapping and crawling web data
- JavaScript (Intermediate), write function, method and objects, Implementing TensorFlow.js in Browser

Web/DB Technologies
- HTML, CSS3, JavaScript and SQL

Operating Systems
- Linux, Windows

Tools/Software
- Numpy, Pandas, Scipy, ScikitLearn, TensorFlow, Keras, Matplotlib

RESEARCH INTERESTS

- Machine Learning
- Big data
- Natural Language Processing and Text Mining applications in Social Network Analysis
- Recommender systems

Volunteer Experience

Data Mining Consultant
Tarbiat Modares University
Dates 2018 – To Present
Help students who will start the writing of the final assignment confused what to do. for example:
Determine the title of the writing material
What will be written (the problem that will be raised)
Qualitative or quantitative research
Search for book references (Libraries sometimes don't exist)
And so forth.

HOBBIES

- Playing classical guitar and composing music
- Mountain Climbing
- Reading novel books

PUBLICATIONS

- Seyedmohammadreza Hosseini, Hamed Baziyad, **Rasoul Norouzi**. "Mapping the intellectual structure of GIS-T field (2008–2019) A dynamic co-word analysis". Submitted to Scientometrics Journal, Full text Available upon request

- Baziyad, Hamed, **Rasoul Norouzi**, and Amir Albadvi. "Mapping the Intellectual Structure of the Internet of Things (IoT) Field Based on Web Content: A Co-word Analysis." 4th International congress of Electrical, Computer and Mechanical Engineering. Full text Available upon request

- **Norouzi, Rasoul,** Elham Akhondzadeh, and Amir Albadvi. "Designing a multi-label classifier recommender system for tourist activities and leisure." Under preparation for Information Technology & Tourism Journal

- LSTMs and Standard recurrent Neural Networks Survey Report, get Perfect score
- Introduction to the math behind word2vec and its implementation with Genism

REFERENCES

Available upon request