

Mostafa Nasiri

PERSONAL INFORMATION

Name: Mostafa Nasiri

Email: nasirsoft@gmail.com

ACADEMIC ACCOUNTS

[Google Scholar](#)

[LinkedIn](#)

[GitHub](#)

[Kaggle](#)

EDUCATIONAL BACKGROUND

- ❖ **M.B.A. Business Administration** (2016)
Faculty of Humanities, Azad University of Babol, Babol, Iran.
- ❖ **B.Eng. Hardware Engineering** (2009)
Faculty of Engineering, Shomal University, Amol, Iran.
- ❖ **A.S. Hardware Engineering** (2006)
Faculty of Engineering, Shomal University, Amol, Iran.

RESEARCH INTERESTS

- ❖ Algorithm Design and Analysis
- ❖ Natural Language Processing
- ❖ Unsupervised Unstructured Text Analysis and Summarization
- ❖ Big Data and Data Analysis
- ❖ Health Informatics
- ❖ Data Mining from Health Records
- ❖ Applied Machine Learning

EDUCATIONAL RESEARCHS

- ❖ The impact of corporate governance on intellectual capital and financial performance of listed companies in Tehran Stock Exchange, M.Sc. Thesis (2016)
- ❖ Designing and building a software for calculating and determine Ideal Solution by The Technique for Order of Preference by Similarity to Ideal Solution (TOPSIS), [GitHub](#). (2015)
- ❖ Designing and building a software to detect Stuck-at-1 fault in Logic Circuit, B.Sc. Thesis (2009)
- ❖ Building armature LED Oscilloscope Circuit, A.S Thesis (2006)

PUBLICATIONS

- [1] S Khalili-Shomia, M Nasiri, S Nasab, A Davarinia (2019)
“**Comparison of the effect of two methods of acupressure and ice massage on the Hugo point on the severity of pain after appendectomy surgery**”, International Journal of Ayurvedic Medicine (Vol. 10 No. 2: April - June 2019).203-206, IF= 1.56
- [2] S Khalili, M Safavi, R Rezaei, M Bidmeshki, F Shirzad, M Nasiri (2014)

“The effectiveness of diclofenac gel and eutectic mixture of local anesthetic cream on vein puncture pain severity with vein catheter in patient undergoing cesarean section: A randomized, double-blind, placebo-controlled trial”, International Journal of Applied and Basic Medical Research, September 2014 - Volume 4 - Issue Suppl 1 - p S46-S49. (published), IF= 1.889

PROJECT EXPERIENCES

- ❖ Designing and building a software to detect and correct grammatical mistakes in sentences, with a graphical user interface in Python, **2021**
[Published on GitHub](#).
 - **Challenges:** Covering of all types of grammar, importing grammar, recognizing sentence structure and finding sentence elements, diagnosing grammatical mistakes and correcting them.
 - **Solution:** Providing the table of grammars in a way that can be used in the program, parsing sentences components through available libraries, detecting grammatical errors by matching sentence elements with the imported grammar table and correcting them.
 - **Results:** Detect grammatical errors based on imported reference grammar, determine best correction method and implementing on sentences.

WORK EXPERIENCES

- ❖ **Data Analyst, [Iranian Social Security Organization](#)** **(2021-Now)**
 - *Responsibilities:*
 - Collecting and classifying the insured data
 - Generating information from the insured data sets and identifying trends and patterns that impact organization
 - Creating visualizations of data
 - Preparing reports
- ❖ **Network Administrator, [Iranian Social Security Organization](#)** **(2014-2020)**
 - *Responsibilities:*
 - Administering the whole network infrastructure – switches, firewalls, routers
 - Configured and installed routers switches
 - training junior staff members
 - Identify and recommend needed and optimal infrastructure improvements
- ❖ **Help Desk, [Iranian Social Security Organization](#)** **(2012-2014)**
 - *Responsibilities:*
 - Installing, testing and configure workstations and equipment to ensure access to all networked servers and systems

- Support and resolve problems to the end-users
- Direct in the installation and configuration of new software and hardware

❖ **Project Manager and Software Development Engineer, Sarir Game (Video Game translation) (2005-2012)**

○ *Responsibilities:*

- Designing and building software for Analyzing Game binary data resource
- Find and Collecting text and media file
- Designing and building software to convert/ decode game binary files for translation
- Designing and building software to encode translated files back to original format
- Designing and building software to replace or injecting new files into Video Game

❖ Teaching of Borland Delphi 7, [Shomal university](#) **2008**

SOFTWARE SKILLS

Programming: Python, C#/Visual Basic, Delphi, SQL

Statistic: Statistical package for social science (SPSS)

Data Analyze: Tableau, Microsoft Excel

Data Visualization: Google Sheets, Matplotlib, Microsoft Excel

Other Skills: Microsoft Office, Adobe Photoshop

CERTIFICATES

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|---|-------------|
| ❖ Certification of Intro to Machine Learning (Kaggle) | 2022 |
| ❖ Certification of Python (Kaggle) | 2022 |
| ❖ Certification of VMware ESX Training Course (MFM) | 2016 |
| ❖ Excel Course Certification | 2011 |
| ❖ Workshop on Project Management | 2006 |

LANGUAGE SKILLS

IELTS TEST Date: Planning to take, December 23, 2022

REFERENCES

- Dr. Seif Ali Mahdavi, Assistant professor, Mazandaran University of Medical Sciences, sa.mahdavi@mazums.ir
- Dr. Sedigheh Khalili Shomia, Associate Professor, Sabzevar University of Medical Sciences, khalilis@medsab.ac.ir