# *HIGHLIGHTS*

* M.Sc. Telecommunication Engineering GPA (15.32/20)
* 2 ISI Publications
* Technical Director and Project Control Manager
* Proficient in Python programming, SQLServer Database Management
* Teaching Python programming language with an active social media account
* Expert in Machine Learning, Image Processing, Audio processing, and Optical Character Recognition (OCR)
* Familiar with Matlab, C#, Html, JavaScript, CSS, Android Studio, and Linux
* Programmer of recognition National Identity Card information (OCR project)
* Skilled in Word, PowerPoint, and Excel.
* Mentoring students in the field of Machine learning
* The capacity of team working under pressure, responsible, dynamic, and flexible
* 2 years' experience of being a teaching assistant and
* Installation and maintenance of analog and digital CCTVs

#### *EDUCATION*

**M.Sc. Telecommunication Engineering, GPA (15.32 /20)** 2017-2019

Islamic Azad University Science and Research Branch, Tehran, Iran

Thesis: Music genre Classification and Recommendation Systems

Supervisor: Farbod Razzazi

**B.Sc. Electrical Engineering (15.11 /20)**

Islamic Azad University of Shahr-Rey, Tehran, Iran 2013-2017

Thesis: Detecting Acoustic Guitar Notes

Supervisor: Dr. Abolfazl Hoseini

#### *AWARDS AND HONORS*

* Ranked as First among more than 100 participants in the competition of English Olympiad in the urban area of Tehran in secondary school, Tehran, Iran, 2010.
* Ranked as 4th among more than 395 team participants in the computer programming competition of Face Clustering Algorithm (Face Cup), Tehran, Iran, 2022.
* The best Supporter of Grant Technology’s Money Management Computer Program

#### *RESEARCH*

* ***Publications***
* Mr. S. Fathollahi, F. Razzazi, 2021, "Music Similarity Measurement and Recommendation System Using Convolutional Neural Network," International Journal of Multimedia Information Retrieval, 10:43-53
* Mr. S. Fathollahi , R. Heidari, 2022, " Gender Classification from Face Images Using Central Difference Convolutional Networks ," International Journal of Multimedia Information Retrieval, 10.1007/s13735-022-00259-0.

#### *PROFESSIONAL EXPERIENCES*

<https://scholar.google.com/citations?hl=en&user=MUeJSNwAAAAJ>

https://github.com/Sheikhfathollahi

<https://instagram.com/mohamad.py?igshid=YmMyMTA2M2Y>=

* **Technical Director of a Knowledge-Based Company**

Arman Derakhshan Paya Company, Tehran, Iran April 2021-Present

* Artificial intelligence and backend developer
* Money Management software (Daric) technical supporter.
* Devops engineer of Money Management software (Daric).
* Python Programming of recognition National Identity Card information (OCR project).
* Participation in continuous improvement projects.
* Project control management.
* Preparation of technical and scientific reports.
* Holding and managing technical meetings of stock exchange assemblies.
* Study of up-to-date scientific articles in order to improve programming efficiency.
* Publishing scientific articles to share knowledge and experience in the country.
* Instagram page for teaching python programming language.
* Installation and maintenance of analog and digital CCTVs.

#### Teaching Experiences

##### Lecturer at the Azad University of Science and Research Branch, Tehran, Iran

* **Online Course:** Machine Learning **Year:** 2020 - Present
* **Online Course:** Python programming **Year:** 2022 - Present

#### *Workshops*

* 9-hour workshop on clustering algorithms and their application in facial image analysis, Nextra, January 2022, Tehran, Iran

#### *Selected Courses*

* Digital Signal Processing: 19/20
* Advanced Digital Signal Processing.: 17/20
* Probability and Statistics: 18/75/20
* Information theory 17.25/20
* Linear algebra 17/20

#### *References*

**1-**Dr**.** Farbod Razzazi

Associate professor

Faculty of Mechanics, Electricity and Computer Department

Islamic Azad University Science and Research, Tehran, Iran

Contact No: +989121947106

Email: razzazi@srbiau.ac.ir

**2-** Dr Jafar Sadigh

Associate professor

Faculty of Mechanics Department

Tehran University, Tehran, Iran

Contact No: +989123909218

Email ID: [mjsadigh@ut.ac.ir](mailto:mjsadigh@ut.ac.ir)

3- Dr. S.Abolfazl Hosseini

Assistant Professor

Faculty of Electrical and Computer Engineering Department

Islamic Azad University, Yadegar-e-Imam Khomeini (RAH) Shahre Rey Branch,Tehran, Iran

[Abolfazl.hosseini@modares.ac.ir](mailto:Abolfazl.hosseini@modares.ac.ir)

Contact No: 09127149529

#### *INTERESTS AND LEISURES*

* International Languages
* Computer Programming
* Soccer
* Movies
* Music