

## Sina Razi Moftakhar



CONTACT INFORMATION	Sina Razi Moftakhar Mobile: +98 902 120 1249 <a href="mailto:sinarazi99@gmail.com">sinarazi99@gmail.com</a> <a href="https://github.com/sinarazi">https://github.com/sinarazi</a>	Department of Electrical engineering and Computer engineering of University of Tabriz Tabriz, Iran
FIELDS OF INTERESTS	Machine Learning, Deep Learning, Computer Vision, Natural Language Processing (NLP)	
EDUCATION	<b>University of Tabriz</b> , Tabriz, Iran	
	B.Sc., Computer Science	<b>September 2018 - April 2022</b>
	• GPA: 18.12 out of 20	
	<b>National Organization for Developing Special Talents (NODET)</b> , Urmia, Iran	
	Pre-university Certificate in Physics & Mathematics	<b>June 2018</b>
	• GPA: 19.05 out of 20	
	Diploma Certificate in Physics & Mathematics	<b>June 2017</b>
	• GPA: 19.40 out of 20	
ACADEMIC EXPERIENCE	• Teacher assistant of Discrete Mathematics Course syllabus of Professor Seyed Amir Mortazavi	
		<b>February 2022 - July 2022</b>
	• Teacher assistant of Linear Algebra and its applications Course syllabus of Professor Seyed Amir Mortazavi	
	• Graduated at 7th semester	
		<b>April 2022</b>
	• Ranked 3rd among 80 students	
	• Bachelor's thesis: <a href="#">Froth flotation using computer vision algorithms</a>	
		<b>September 2021 - January 2022</b>
	• System Admin Apprenticeship in Information Technology (IT) department of Urmia Petrochemical	
		<b>March 2021 - September 2021</b>
	• Top 0.02 among 134183 students in Iranian university entrance exam (Konkur)	
		<b>July 2018</b>
CERTIFICATES	<b>Language</b>	
	• IELTS IDP (7 out of 9)	
	• (Speaking:7, Writing:6.5, Reading:7, Listening:7.5)	

## Professional

- Issued by Stanford Online
  - Machine Learning
- Deeplearning.ai
  - TensorFlow in Practice Specialization
  - Deep Learning Specialization
- University of Michigan
  - Programming for Everybody (Getting Started with Python)
  - Python Data Structures
  - Capstone: Retrieving, Processing, and Visualizing Data with Python
  - Using Python to Access Web Data
- University of California, Santa Cruz
  - C for Everyone: Programming Fundamentals
- University of Illinois at Urbana-Champaign
  - Object-Oriented Data Structures in C++

## PROJECTS

### Professional

- Percolation
- Atomic Nature of Matter
- Travelling salesman problem
- Implementing Machine learning algorithms from scratch
  - Linear Regression
  - Logistic Regression
  - Anomaly Detection and Simple Recommender Systems
  - Dimension Reduction and PCA
  - Simple Convolutional Neural Networks (CNN)
- Image Segmentation of Handwritten Digits
- Neural Style Transfer
- Emojifier, An NLP application to predict emojis from sentence.

## SKILLS

### Programming Languages

- Python (Advance)
- C/C++ (Intermediate)
- Java (Intermediate)
- SQL (Intermediate)
- Html, CSS ((Intermediate)

### Programming Frameworks

- Tensorflow/Keras (Advance)
- Pytorch (Upper-Intermediate)
- Django (intermediate)

## LANGUAGES

- English (fluent)
- Turkish (native)
- Persian (native)
- German (beginner)
- Arabic (elementary)

## REFERENCES

- Dr. Behrooz Koohestani  
Assistant Professor in Faculty of Electrical and  
Computer Engineering, University of Tabriz  
[b.koohestani@tabrizu.ac.ir](mailto:b.koohestani@tabrizu.ac.ir)
- Dr. Leili Farzinvash  
Associate Professor in Faculty of Electrical and  
Computer Engineering, University of Tabriz  
[l.farzinvash@tabrizu.ac.ir](mailto:l.farzinvash@tabrizu.ac.ir)
- Dr. Abdolhamid Moallemi Khiavi  
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