

## Sina Razi Moftakhar



CONTACT INFORMATION	Sina Razi Moftakhar Mobile: +98 902 120 1249 Email: <a href="mailto:sinarazi99@gmail.com">sinarazi99@gmail.com</a> <a href="https://github.com/sinarazi">https://github.com/sinarazi</a>	Faculty of Electrical and Computer Engineering of University of Tabriz Tabriz, Iran
FIELDS OF INTERESTS	Machine Learning, Deep Learning, Computer Vision, Image processing, Natural Language Processing (NLP)	
EDUCATION	<b>University of Tabriz</b> , (Full Scholarship) Tabriz, Iran	
	B.Sc., Computer Science	<b>September 2018 - April 2022</b>
	• GPA: <b>18.12</b> 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	<ul style="list-style-type: none"><li>• <b>Teacher assistant</b> of Discrete Mathematics <b>February 2022 - July 2022</b> Course syllabus of Professor Seyed Amir Mortazavi</li><li>• <b>Teacher assistant</b> of Linear Algebra and its applications Course syllabus of Professor Seyed Amir Mortazavi</li><li>• Graduated at <b>7th</b> semester <b>April 2022</b></li><li>• Ranked <b>3rd among 80</b> students</li><li>• Bachelor's thesis: <b>September 2021 - January 2022</b> Froth flotation using computer vision algorithms</li><li>• System Admin <b>Apprenticeship</b> in <b>March 2021 - September 2021</b> Information Technology (IT) department of Urmia Petrochemical</li><li>• Top <b>0.02</b> among 134183 students in <b>July 2018</b> Iranian university entrance exam (Konkur)</li></ul>	
CERTIFICATES	<ul style="list-style-type: none"><li>• Issued by <b>Stanford Online</b><ul style="list-style-type: none"><li>• Machine Learning</li></ul></li><li>• <b>Deeplearning.ai</b></li></ul>	

- 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)  
 Numpy/ Scipy/ OpenCV

## LANGUAGES

### Languages

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

### IELTS IDP

Overall: 7  
 Speaking: 7  
 Writing: 6.5  
 Reading: 7  
 Listening: 7.5

## REFERENCES

**Dr. Behrooz Koohestani**

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Electrical and Computer Engineering,  
University of Tabriz  
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**Dr. Leili Farzinvasb**

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