

## Sina Razi Moftakhar



### CONTACT INFORMATION

Sina Razi Moftakhar  
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<https://github.com/sinarazi>

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

**University of Tabriz**, (Full Scholarship) Tabriz, Iran

B.Sc., Computer Engineering **September 2018 - April 2022**  
• GPA: **18.12** out of 20

**National Organization for Developing Special Talents (NODET)**, Urmia, Iran

Pre-university Certificate in Mathematical sciences **June 2018**  
• GPA: 19.05 out of 20

Diploma Certificate in Mathematics and Physics **June 2017**  
• GPA: 19.40 out of 20

### ACADEMIC EXPERIENCE

- **Teacher assistant** of Discrete Mathematics **February 2022 - July 2022**  
Course syllabus of Dr. Seyed Amir Mortazavi
- **Teacher assistant** of Applied Linear Algebra  
Course syllabus of Dr. Seyed Amir Mortazavi
- Bachelor's thesis: **September 2021 - January 2022**  
Froth flotation using computer vision algorithms

### HONORS AND AWARDS

- Excellent student of University of Tabriz, **May 2022**  
Ranked **3 out of 80** students
- Given financial award for being excellent student **September 2019 - May 2022**  
during the last 6 semesters of studying at Tabriz
- Top **0.02** among 134183 students in **July 2018**  
Iranian university entrance exam (Konkur)

### WORK EXPERIENCE

- **System Admin Internship** in Information Technology (IT) department of Urmia Petrochemical Company **February 2021 - June 2021**

## CERTIFICATES

- **Issued by Stanford Online**
  - Machine Learning
- **Deeplearning.ai**
  - TensorFlow in Practice Specialization
  - Deep Learning Specialization
  - TensorFlow Advanced Techniques Specialization
- **Imperial College London**
  - Mathematics for Machine 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)  
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**

Assistant Professor in Faculty of  
Electrical and Computer Engineering,  
University of Tabriz  
b.koohestani@tabrizu.ac.ir

### **Dr. Leili Farzinvas**

Associate Professor in Faculty of  
Electrical and Computer Engineering,  
University of Tabriz  
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### **Dr. Abdolhamid Moallemi Khiavi**

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