

Sina Razi Moftakhar



CONTACT INFORMATION

Sina Razi Moftakhar
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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

University of Tabriz, Tabriz, Iran

B.Sc., Computer Science

September 2018 - April 2022

- GPA: 18.12 out of 20

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

Pre-university Certificate in Physics & Mathematics

June 2018

- GPA: 19.05 out of 20

Diploma Certificate in Physics & Mathematics

June 2017

- GPA: 19.40 out of 20

ACADEMIC EXPERIENCE

- Teacher assistant of Discrete Mathematics
Course syllabus of Professor Seyed Amir Mortazavi **February 2022 - July 2022**
- Teacher assistant of Linear Algebra and its applications
Course syllabus of Professor Seyed Amir Mortazavi
- Graduated at 7th semester **April 2022**
- Ranked 3rd among 80 students
- Bachelor's thesis: **September 2021 - January 2022**
[Froth flotation using computer vision algorithms](#)
- System Admin Apprenticeship in **March 2021 - September 2021**
Information Technology (IT) department of Urmia Petrochemical
- Top 0.02 among 134183 students in **July 2018**
Iranian university entrance exam (Konkur)

CERTIFICATES

Language

- 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)