Sina Razi Moftakhar

CONTACT INFORMATION	Sina Razi Moftakhar Mobile: +98 902 120 1249 Email: sinarazi99@gmail.com 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 Iranian university entrance exam (Konkur) — **July 2018**

WORK EXPERIENCE

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

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**
  - Python for everybody specialization

- **University of California, Santa Cruz**
  - C for Everyone: Programming Fundamentals

- **University of Illinois at Urbana-Champaign**
  - Object-Oriented Data Structures in C++

PROJECTS

- 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)
- Percolation
- Atomic Nature of Matter
- Travelling salesman problem
- Image Segmentation of Handwritten Digits
- Neural Style Transfer
- NLP emoji detection application

SKILLS

Programming Languages	**Programming Frameworks**
Python (Advance)	Tensorflow/Keras (Advance)
C/C++ (Intermediate)	Pytorch (Upper-Intermediate)
Java (Intermediate)	Django (intermediate)
SQL (Intermediate)	Numpy/ Scipy/ OpenCV
Html, CSS (Intermediate)	

LANGUAGES

Languages	**IELTS IDP**
English (fluent)	Overall: 7
Turkish (native)	Speaking: 7
Persian (native)	Writing: 6.5
German (beginner)	Reading: 7
Arabic (elementary)	Listening: 7.5