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 - March 2022**

- GPA: 18.12 out of 20
- Ranked 3rd among 80 students
- Graduated in the 7th semester
- Bachelor's thesis:
  Froth flotation using computer vision algorithms

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

Professional Experience

Self Employed, Tabriz, Iran

Junior Machine Learning Engineer — **January 2021 - Ongoing**

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**
    - **Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning**
    - **Convolutional Neural Networks in TensorFlow**
    - **Natural Language Processing in TensorFlow**
    - **Sequences, Time Series and Prediction**

- **Deep Learning Specialization**
  - **Neural Networks and Deep Learning**
  - **Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization**
  - **Structuring Machine Learning Projects**
  - **Convolutional Neural Networks**
  - **Sequence Models**

- **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)