

Mohammad Doosti Lakhani

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Summary

I am a computer engineering student and I am working on Deep Learning, Machine Learning, Computer Vision and NLP. Computer vision is a promising field - after all, we humans can obtain a vast amount of information from but a single picture (so why shouldn't computers be able to do that?). I intend to help improve that.

I love AI and my childhood's dream to do anything better with AI is going to happen with my hands.

Education

University of Guilan

Bachelor's Degree

Rasht, Guilan Province

Graduating August 2019

3rd place of university with **GPA 93%** (18.67 / 20).

Courses:

- Data Structure
- Algorithm Design
- Discrete Mathematics
- Calculus 1, 2
- Statistics
- Signals & Systems
- Computer Vision
- Artificial Intelligence
- Computational Intelligence
- Computer Aided Design (VHDL)
- NLP
- and many more... .

University of Guilan

Teacher Assistant

Rasht, Guilan Province

Enrolled August 2019

- Advanced Programming 2018 (Dr. Mirroshandel)
- Algorithm Design 2017 (Dr. Shakeri)
- Computational Intelligence 2018 (Dr. Shakeri)
- Algorithm Design 2018 (Dr. Shakeri)

Online Courses

Enrolled February 2018

- Coursera Machine Learning (Andrew Ng)
- Super Data Science Machine Learning course
- Super Data Science AI course

- Coursera Deep Learning (Andrew Ng)
- Stanford NLP (2017)

University of Tehran

University of Tehran Deep Learning Summer School 2018

Tehran, Tehran Province

Graduated July 2018

In this school, professors had presentations about ANN, CNN, GAN and etc. Hands on assignments were with python and Keras.

Hobbies & Interests

I am interested in **Computer Vision** to have robots better than ever.

I am also interested in building agents using **Deep Reinforcement Learning** for games.

I love communicating with people, **learning new things** from them and **teaching** everything I know to help other people understand things better and of course this help me to understand other aspects of a problem.

Professional Skills

Python:	<i>Advanced</i>
Mathematics:	<i>Advanced</i>
Machine Learning:	<i>Intermediate</i>
Deep Learning:	<i>Intermediate</i>
Keras:	<i>Intermediate</i>
Sklearn:	<i>Intermediate</i>
Scipy:	<i>Intermediate</i>
HTML/CSS:	<i>Competent</i>
MS Office:	<i>Competent</i>

Languages

Persian: *Native*

English: *Conversational*

Personal Projects

May 2018 - Present

- **Clustering Algorithm Based on Fuzzy Systems & Cohort Intelligence (in progress):**
 - Applying fuzzy systems for cohort intelligence for clustering.

September 2017 - December 2017

- **Optimized MDRVP problem:**
 - Better result with some changes on main algorithm and mutation process.

February 2018 - May 2018

- **Persian Handwriting Digit Recognizer:**

- CNN classifier Implemented using Keras with 99.2% Accuracy.
- Defined as a project for the computer vision course.

July 2018 - Present

- **Coursera Machine Learning with Python (in progress):**
 - All assignments done with python in vectorized structure
 - All optional assignments done.

Social

Github

Twitter