

About Me

Python programmer in artificial intelligence, communication engineer, interested in machine learning specially computer vision field, also familiar with MatLab and c++.

Responsible and ability to research new scientific objects; team working (scrum framework)



Rasoul Zamani

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Skills:

Python:

**Scikit-learn, PyQt,
OpenCV**

REST API by Flask

Frameworks:

**Tensorflow, Keras,
Pytorch**

**Other language: MatLab,
C++**

Data Bases:

PostgreSQL, MongoDB

Embedded: Jetson

Linux (LPIC1)

Git

Docker

Rapid Miner, Image Pro

Teamwork and scrum skill

Education and Courses

Isfahan University of Technology: BS in electrical engineer (2011-2015)

Isfahan University of Technology: Master in communication (2015-2018)

Udemy: Learn to Code with Python (Boris Paskhaver, 60h)

Coursera: Deep Learning Specialization (Andrew NG, 80 h)

Udemy: Python for Computer Vision with OpenCV and Deep Learning (10h)

Udemy: Complete Data Science Machine Learning Bootcamp (40h)

REST APIs with Flask and Python (Udemy, 20h)

Convolutional Neural Networks in TensorFlow (Coursera-L. Morony, 20h)

Job experience

Image processing and computer vision programming at VIRASAD (5 month)

Cooperation for Knowledge graph extraction from AI articles (1 month)

Projects

- Prediction of house price with linear regression (sklearn)
- Classification of comments by LSTM (keras)
- Image classification on MNIST and CFAR10 datasets by CNN
- Image processing such edge detection, object tracker and face recognition by openCV
- Segmentation and masking by RCNN (Detectron)
- Using Inception, vgg16 and YOLO models
- Car and plate detection by pruned and quantified YOLOv5
- Implementation of famous models on Jetson board