

# Aliakbar Saleh bigdeli

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## Research Interests

- Machine Learning
- Deep Learning
- Image Processing

## Education

### Persian Gulf University of Bushehr, Iran

*2011 - 2015*

B.S in Computer Engineering

- **Thesis:** Bourse Modeling for solving optimization problems (evolutionary algorithm) under supervision of Dr. Habib Rostami, Associate Professor of Computer Engineering, Persian Gulf University
- **Top Course:** Artificial Neural Networks with highest grade
- **GPA:** 16.86/20

### K.N Toosi University of Technology, Iran

*2016 - August 2018(Expected)*

M.Sc in Artificial Intelligence

- **Thesis:** Incremental Deep learning and its Application in Content-Based Image Indexing and Retrieval under supervision of Prof. H.A Moghaddam Professor of Biomedical Engineering, K.N. Toosi University of Technology
- **Top Course:** Machine Learning with highest grade
- **GPA:** 17.31/20 (Continues)

## Honors

**First Place:** In First Bushehr Collegiate Programming Contest, 2013

**Second Place:** Among more than 50 computer engineering students during the bachelor's degree in Persian Gulf University, 2015

## Works Done

- **Lecturer (B.S):** Computer Laboratory
- **Teaching Assistant (B.S):** Data Structure for three semester, Discrete Mathematics for two semester, Fundamental of Programming
- **Teaching Assistant (M.Sc):** Machine Learning
- **Implementing:** Recommender Software for offering football team based on price and arrange

## Professional Skills

### Programming Languages:

- Python
- Java
- C/C++

### Technologies:

- **Machine Learning Libraries\*:**
  - Keras
  - Tensorflow
  - sklearn
- **Computational Libraries:**
  - Numpy
  - PyTorch
- **Image & Video Library:**
  - OpenCV
- **Graphical Libraries:**
  - Matplotlib
  - PyQt
- **Operating Systems:**
  - Linux
  - Windows

## Language Skills

**Persian:** Native

### English:

- **Fluent:** Reading, Listening
- **Intermediate:** Speaking, Writing