

ALIREZA AKHAVAN POUR

LAST UPDATE: 2018 08 December

Date of Birth: March 24, 1991

Place of Birth: Tehran, Iran

Web page: Akhavanpour.ir

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RESEARCH INTERESTS

Deep Learning

Machine Learning

Neural Network

Computational Cognitive Vision

Machine Vision

NLP

TECHNICAL SKILLS

Tensorflow

Keras

OpenCV

Scikit-learn

FastAI

Python

C++

EDUCATION

9/2013 – 12/2015

Shahid Rajaee University (SRTTU) , M.S.

Major: software engineering

- Thesis: “A Comparative Study of varying parameters in invariant object recognition at behavioral and computational-cognitive model level”
- Advisor: Reza Ebrahimpour, Ph.D.
- Final Grade: 18.07

9/2009 – 8/2013

Shahid Rajaee University(SRTTU) , B.S.

Major: software engineering

ACADEMIC EMPLOYMENT

- Fall 2018 **Adjunct Instructor**, Shahid Rajae University
- Advanced Deep Learning
- Winter 2017 **Adjunct Instructor**, Shahid Rajae University
- Python for data science
- Introduction to Computer Vision & Deep Learning
- Fall 2017 **Graduate Teaching Assistant/Assistant Instructor**, Shahid Rajae University
- Deep Learning for Dr. Reza Ebrahimpour
- Fall 2016 **Adjunct Instructor**, Shahid Rajae University
- Computer programming, Python
- Winter 2016 **Adjunct Instructor**, Shahid Rajae University
- Advanced Programming, C++
- Fall 2015 **Teaching Assistant/Assistant Instructor**, Shahid Rajae University
- Databases for Prof. Negin Daneshpour
- Winter 2015 **Teaching Assistant/Assistant Instructor**, Shahid Rajae University
- Data Structures for Prof. Negin Daneshpour

PROFESSIONAL EXPERIENCE

- 2016-2017 Implementing a warning system regarding an ex-convict entering the bank using Face Recognition.

OTHER WORK EXPERIENCE

Part-time Jobs:

I have been working part-time since October 2011. I started as a web developer using PHP for a year. Then I was chosen to run and lead a software quality control in the company I was worked for, so I have a 4-member QC team management experience for about 4 years. I have also experience in managing software developer teams. Now I am working as a Deep Learning & Computer Vision Software Engineer.

Independent projects:

I have done several freelance projects, including running a website for Olympiad results.

PROFESSIONAL MEMBERSHIPS

I was a member of Students Scientific Chapter of Computer Engineering Department in Shahid Rajaei University during my bachelor degree. I was also in computer Magazine group and got several citation from the university.

PUBLICATIONS

Akhavan Pour, Alireza; Hamid Karimi, Nasour Bagheri and REZA Ebrahimpour, 2015, Comparing the ability to recognize objects in the background faced with different variations in human and the new visual cortex model, 9th Iranian Conference on Machine Vision and Image Processing, http://www.civilica.com/Paper-ICMVIP09-ICMVIP09_086.html

PRESENTATIONS AND TALKS

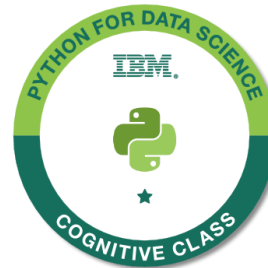
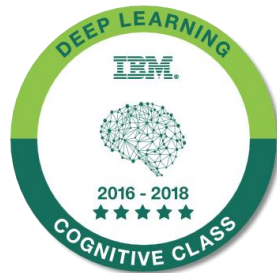
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|-------------------|---|
| November 14, 2018 | Principles of Deep Neural Networks in Machine Vision
Department of CE, Islamic Azad University, South Tehran Branch |
| August 30, 2018 | One-shot learning: Face Verification & Recognition
partdp |
| August 15, 2018 | Deep Learning with Keras (8h workshop)
partdp |
| February 08, 2017 | Implementing a Convolutional Networks using TensorFlow
Big Data Workgroup, Department of CE, Sharif University of Technology. |
| January 24, 2017 | Introduction to TensorFlow
Big Data Workgroup, Department of CE, Sharif University of Technology. |
| February 18, 2017 | Common Web Application Vulnerabilities
SSC, Department of CE, Shahid Rajaei University. |

CERTIFICATES

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| Apr 2018 | Convolutional Neural Networks (deeplearning.ai, Andrew Ng) |
| Jan 2018 | Structuring Machine Learning Projects (deeplearning.ai, Andrew Ng) |

Jan 2018	Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (deeplearning.ai, Andrew Ng)
Dec 2017	Complete Guide to TensorFlow for Deep Learning with Python (Udemy)
Jul 2017	Deep Learning in Python (DataCamp)
April 2017	Deep Learning with TensorFlow (IBM Cognitive Class)
April 2017	Deep Learning 101 (IBM Cognitive Class)
March 2017	Introduction to Python for Data Science (Verified Certificate from Microsoft)
November 2016	Machine Learning (Verified Certificate from Stanford University)
October 2016	Computer Science and Programming Using Python (Honor Code Certificate from MIT)
November 2015	Mini-Workshop on Deep Learning (Certificate of attendance from SRTTU)

ONLINE BADGES



REFERENCES

REZA EBRAHIMPOUR

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Department of Computer Engineering
Shahid Rajaee Teacher Training University
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And

School of Cognitive Sciences (SCS)
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Lab Address: <http://ebrahimpourlab.ir/>