

**Rahim Entezari**

**Iran University of Science and Technology, Department of Computer Engineering**

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**Website:** [rahimentezari.github.io](http://rahimentezari.github.io)

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**Research Interests**

- Representation Learning (Deep Learning)
- Statistical Machine Learning
- Computational neuroscience

**Education**

- Iran University of Science and Technology, Tehran, Iran  
MS, Artificial Intelligence, under the supervision of Dr. Mahmood Fathy  
Sep. 2014 -Jan. 2017  
GPA: 3.6/4 Ranked 2nd among 20  
Master Thesis: 20/20  
Link: <https://github.com/rahimentezari/files/blob/master/thesis%2023-final2.pdf>
- Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran  
BS, Computer Engineering, Sep. 2008-June 2013  
GPA: 3.2/4

**Date of Birth**

- 12.05.1990

**Nationality**

- Iran

**English Efficiency**

- 7 , Academic IELTS, 2017

**Honors  
and  
Awards**

- Travel Award for participation of International Conference on Machine Learning (ICML) 2017
- Top Student Award in Artificial Intelligence- Computer Engineering Department, Iran University of Science and Technology, 2015/2016
- Selected participant with scholarship to attend in “National University of Singapore Workshop on Contemporary Research in Computer Science and Information Systems 2016

**Teaching  
Experiences**

- Teaching Assistant , Algorithm Design  
Under the supervision of Dr. H. Naderi Fall 2014, Fall 2015
- Teaching Assistant , Digital Signal Processing  
Under the supervision of Dr. Reza Berangi Fall 2015

**Publications**

- [Entezari, R](#), Arzani M, Fathy M, Bayat A, (2016). A Deep Learning Method to Estimate 3D Point of Regard by Joint Head and Eye Information, The CSI Journal on Computer Science and Engineering. Vol. 13, No. 2, 2016:42-47
- Bayat A, Arzani M, Fathy M, Matinnejad A, Minaei-Bidgoli B, [Entezari, R](#), (2016). A Probabilistic Graphical Model Approach for Human Activity Recognition using Skeleton Data , International Conference on Signal Processing and Intelligent Systems (ICSPIS)

**Other Projects**

- Brain Tumor Segmentation in MRI Images using Generative Adversarial Networks – November 2017 since now- Stanford- Under supervision of Dr. Ehsan Adeli

- Human Visual Perception - Estimation of surface gloss and 3D shape using CNN – September 2017 since now- NYU – Under supervision of Prof. Dr. Michael Landy.
- Logo Detection and Recognition- Sensifai- 2017
- Acoustic Scene Recognition based on VGGish- 2017- Sensifai
- Music and Voice Activity Detection based on SoundNet- 2017- Sensifai
- Sourena Humanoid Robot – Sep 2016 since now- University of Tehran
- Human Gaze Estimation using Deep Learning- 2016
- Human Head Pose Estimation using HCRF -2015 Written in C++ Human Activity Recognition using Grante – 2015 Written in C++
- Cloud Service implementation using CloudStack- 2015- Afranet

### **Workshops and Conferences**

- International Conference on Machine Learning (ICML) – 6<sup>th</sup>-11<sup>th</sup> August 2017
- Scientific Writing Workshop- Institute for Research in Fundamental Sciences(IPM)- School of Cognitive Sciences – 2016
- Big Data Economics Summer School-Iran- Pasargad Advanced Research Initiative- 2016
- Summer School on Heterogonous and Mobile Databases- Iran- IPM- 2016
- NUS Workshop on Contemporary Research in Computer Science and Information Systems- 2016
- Advanced topics in computer science and engineering – winter seminar series- Iran- Sharif University of Technology - 2015

### **Technical Skills**

- Programming Languages  
Experience with C/C++ , MATLAB  
Familiar with MySQL, Python, Verilog
- Operating Systems  
Windows, Linux(Fedora,Cent OS,ubuntu)
- Tools  
Experience with Caffé, CNTK, Torch, HCRF, OpenCV, Microsoft Office, VmWare  
Familiar with Tensorflow, MongoDB, MapReduce, Packet tracer, Wireshark, Protel, ModelSim, GNS3 Grante

### **References**

- Dr. Mahmood Fathy  
Iran University of Science and Technology, Department of Computer Engineering  
Email : [Mahfathy@iust.ac.ir](mailto:Mahfathy@iust.ac.ir)
- Dr. Mohammad Sabokrou  
Institute for Research in Fundamental Sciences, Department of Computer Science  
Email: [sabokro@ipm.ir](mailto:sabokro@ipm.ir)
- Dr. Reza Berangi  
Iran University of Science and Technology, Department of Computer Engineering  
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