

Rahim Entezari

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Research Interests	<ul style="list-style-type: none">• Representation Learning (Deep Learning)• Statistical Machine Learning
Education	<ul style="list-style-type: none">• TU Graz/ Complexity Science Hub, Vienna, Austria PhD, Computer Science, under supervision of Dr. Olga Saukh Nov. 2018- since now• 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
English Efficiency	<ul style="list-style-type: none">• 7 , Academic IELTS, 2017
Honors and Awards	<ul style="list-style-type: none">• Student Travel Award for participation of International Conference on Machine Learning (ICML) – July 2018 – Stockholm• Selected Participant with Scholarship to attend “2nd PhD Workshop on Binary Classification”- May 2018 – Hildesheim University- Germany• Student Travel Award for participation of International Conference on Machine Learning (ICML) – August 2017 - Sydney• 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”- January 2016
Teaching Experiences	<ul style="list-style-type: none">• 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
Working Experience	<ul style="list-style-type: none">• InFact startup -Tehran Jan 2018- Sep 2018• Sensifai startup - Tehran –Remote for Leuven Sep 2016- Jan 2018• Sourena Humanoid Robot (University of Tehran) Sep 2016- April 2017• Afranet Cloud Service Provider - Tehran April 2014- Sep 2014

Publications

- Sabokrou, M, Pourreza, M., Fayyaz M., Entezari, R., Fathy M., Gall, J., Adeli ,E, “AVID: Adversarial Visual Irregularity Detection- accepted in **ACCV**
- 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

- Persian Recommender System –Infact- 2018
- Adversarial Visual Irregularity Detection- 2018
- Brain Tumor Segmentation in MRI Images using Generative Adversarial Networks – October 2017 since now- Stanford- Under supervision of Dr. Ehsan Adeli
- 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

Workshops and Conferences

- International Conference on Machine Learning (ICML) – July 2018
- 2nd PhD Workshop on Binary Classification - Hildesheim University - May 2018
- International Conference on Machine Learning (ICML) – August 2017
- Scientific Writing Workshop- Institute for Research in Fundamental Sciences(IPM)- School of Cognitive Sciences – 2016
- Summer School on Heterogonous and Mobile Databases- Iran- IPM- 2016
- National University of Singapore Workshop on Contemporary Research in Computer Science and Information Systems- 2016

Technical Skills

- Programming Languages
Experience with Python ,C/C++ , MATLAB
Familiar with MySQL, Verilog
- Operating Systems
Windows, Linux(Fedora,Cent OS,ubuntu)
- Tools
Experience with Tensorflow ,Caffe, Keras, CNTK, PyTorch, HCRF, OpenCV
Familiar with Torch, Grante, MapReduce, Wireshark, Protel, ModelSim, GNS3