Rahim Entezari

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Research Interests

- Representation Learning (Deep Learning)
- Statistical Machine Learning

Education

- 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

- 7 , Academic IELTS, 2017

Honors and Awards

- 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

- 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

- **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