

Rahim Entezari

Iran University of Science and Technology, Department of Computer Engineering

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RESEARCH INTERESTS

- Representation Learning (Deep Learning)
- Statistical Machine Learning
- Probabilistic Graphical Models
- Computational Neuroscience
- Cognitive Science

Education

- Iran University of Science and Technology, Tehran, Iran
MS Candidate under the supervision of Mahmood Fathy
Artificial Intelligence Sep. 2014 Present
GPA: 4/4 Ranked 3rd among 20
- Amirkabir University of Technology (Tehran Polytechnic), Tehran, Iran
BS, Computer Engineering, Sep. 2008 June 2013
GPA: 3.3/4

English efficiency

- 102 ,TOEFL IBT (Test of English as a foreign language), 2011

Honors and awards

- Selected participant with scholarship to attend in "National University of Singapore Workshop on Contemporary Research in Computer Science and Information Systems 2016
- Ranked in the top 0.5% among all applicants for the Nationwide University Entrance Exam (Approximately 300000 applicants) Iran, 2008.
- Admitted to the National Organization for Development of Exceptional Talents (NODET) for high school studies, 2004

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

other projects

- Designing Mobile Gaze application for people with Autism Spectrum Disorder using Deep Learning – 2016 since now- IPM School of Cognitive Science
- Sourena Humanoid Robot – 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++
- Action Recognition Using SIFT and conditional Random field-2014 Written in C++
- Implementing Cloud Service with billing for Afranet company costumers using CloudStack - 2014
- Implementing local cloud Service in “National Conference on cloud computing and applications” using Eucalyptus- 2012
- Using OpenvSwitch in linux for cloud service- Bachelor Thesis- 2012

workshop and conferences

- Scientific Writing Workshop- Institute for Fundamental Sciences(IPM)- School of Cognitive Sciences – 2016
- Big Data Economics Summer School-Iran- Pasargad Advanced Research Initiative- 2016
- Summer School on Heterogeneous 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
- Introduction to Deep Learning – Iran – SRTTU- 2015 (Instructor : Seyed-Mahdi Khaligh-Razavi - MIT)
- Big Data – Iran- IUST- 2015 (Instructor : Reza Farivar - University of Illinois at Urbana-Champaign)
- Introduction to Cloud computing- Iran – IPM- 2012
- Linux – Iran – Amirkabir University of Technology – 2012, 2013
- National Conference on cloud computing and applications – 2012

technical skills

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

references

- Professor Mahmood Fathy
Iran University of Science and Technology, Department of Computer Engineering
Email : Mahfathy@iust.ac.ir
- Professor Reza Berangi
Iran University of Science and Technology, Department of Computer Engineering
Email: rberangi@iust.ac.ir