

Parsa Bagherzadeh
Pattern recognition Lab
Department of Computer Engineering
Ferdowsi University of Mashhad
Mashhad, Iran
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**Personal
Information**

Date of birth: September 16, 1992
Marital status: Single

Educations

Ferdowsi University of Mashhad, Mashhad, Iran
M.S. in Artificial Intelligence, 2014-Present
Supervisor: Professor Hadi Sadoghi Yazdi
GPA: 3.8/4.0

University of Birjand, Birjand, Iran
B.S. in Computer Engineering , 2010-2014
Minor: Hardware Engineering
GPA: 3.9/4.0 (Top ranked student)

**Honors and
Awards**

- Awarded the admission to graduate program (M.S.) of Artificial Intelligence at Isfahan University, without taking the “National Entrance Examination for Graduate Schools”, as a reward for having high academic records and achievements, summer 2014.
- Awarded the admission to graduate program (M.S.) of Artificial Intelligence at Ferdowsi Univ. of Mashhad, without taking the “National Entrance Examination for Graduate Schools”, as a reward for having high academic records and achievements, spring 2014.
- Top ranked student in Computer Engineering, Univ. of Birjand, 2010-2014.
- Received best student award, Department of Computer Eng, Univ. of Birjand, 2012.
- Interviewed in the local radio channel of South Khorasan (Khavarn Radio Channel) , 2010
- Awarded the Kharazmi National Scientific Prize, Tehran, Iran, 2010.
- Received first award in 2nd Ali Akbar invention prize, 2009.

**Research
Interests**

Pattern recognition, Machine Learning, Deep learning, Bioinformatics, Computational Biology

Publications

Journal papers: (Asterisk stands for corresponding author)

- **P. Bagherzadeh***, H. Sadoghi Yazdi, “Label donisong based on Bayesian aggregation”, International journal of Machine Learning and Cybernetics (JMLC), Revised.
- J. Tayyebi, **P. Bagherzadeh***, M. Aman, “A fuzzy c-means algorithm for clustering fuzzy data and its application in clustering incomplete data”, Journal of Fuzzy sets and systems”, under review.

Conference papers

- **P. Bagherzadeh**, Amir. Ahooye Atashin, “Learning robust features for protein-protein interaction prediction with denoising auto encoder”, The first international conference on signal processing and intelligent systems. Submitted.

**Teaching
Experiences**

TA, 2015-Present
Electrical circuits, Instructor: Dr. Abedin Vahedian Mazloun

Statistical pattern recognition: Dr. Hadi Sadoghi Yazdi
Department of Computer Eng, Ferdowsi Univ. of Mashhad.

TA, 2011-2013
Theory of languages and automata, Data structures, Advanced Programming
Department of Computer Eng, Univ. of Birjand.

Research Experiences

RA, Department of Computer Engineering, Ferdowsi Univ. of Mashhad, 2014-Present

RA, Department of Computer Engineering, Univ. of Birjand, 2013

Working Experiences

- Computer Engineer Intern: Rasane Afagh Kavir Co. 2013, Birjand, Iran
- Programmer: Rayvarz IT Co. 2008-2010, Birjand, Iran
 - Designing a database for managers information (PHP & MySQL), Municipality of Birjand, 2010
 - Design and programming a CMS (certified by Iran's high council of informatics), Registration number: 202977, 2010
 - Fuel consuming database (PHP & MySQL), Birjand urban transportation organization, 2009

Executive Experiences

- In-charge, Pattern recognition Lab (Director: Prof. Sadoghi Yazdi), Department of Computer Eng., Ferdowsi University of Mashhad, 2015-Present.
- Member of organizing committee, 3rd International Conference on Computer and Knowledge Engineering (ICCKE 2014), Ferdowsi University of Mashhad, October 2014.
- Member of organizing committee, First Iranian conference on Pattern Recognition and Image Analysis (PRIA2013), February 2013.
- Co-Founder and secretary of student branch of Iranian Society of Machine Vision and Image Processing at Univ. of Birjand, 2013.

Patents

- Iran patent, "Integrated light management network", Registration number: 66513, Publication date: September 15, 2010
- Iran patent, "Guidance system for blinds", Registration number: 65230, Publication date: June 19, 2010
- Iran patent, "Traffic light control network", Registration number: 47813, Publication date: May 4, 2008

Skills

Programming

C++, MATLAB, Verilog HDL, PHP, HTML and CSS

Simulation

Simulink, CISCO network simulation

Applications

WEKA, PSCPCIE, MAX PLUS,

Other skills

Preparing LaTeX files

References

Hadi Sadoghi Yazdi
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Javad Sadri

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