

Yasaman Razeghi

yasamanrazeghi7@gmail.com

Cell Phone: +98 912 433 11 87

Education

- M.Sc. in Artificial Intelligence, 2015-Present
[School of Electrical and Computer Engineering, University of Tehran](#)
Tehran, Iran
GPA without the Thesis grade: 18.11 / 20
Graduate Courses: Introduction to Big Data, Statistical Inference, Machine Learning, Pattern Recognition, Neural Networks and Deep Learning, Bio-Inspired Computing
Thesis: The Study of the Hierarchical Learning in the Context of the Learning Systems in Reinforcement Learning (Under supervision of [Dr. Nili Ahmadabadi](#))
- MBA Certificate Program, 2017
University of Tehran Attended the 9 month program of MBA particularly to gain information in economical fields.
- B.Sc. in Computer Engineering, 2011-2015
[School of Electrical and Computer Engineering, University of Tehran](#),
Tehran, Iran
Total GPA: 17.18 / 20
Project Thesis: Irrational Subgoal Selection In Human with Induced Complexity
Under supervision of [Dr. Nili Ahmadabadi](#).
- Diploma in Physics and Mathematics Discipline, 2007-2011
Farzagan High School, under the supervision of [NODET](#),
Tehran, Iran
GPA: 19.79 / 20

Research Interests

- Data Science
- Machine Learning
- Artificial Intelligence and Reinforcement Learning in Cognitive Neuroscience

Research Experience

- The Study of the Hierarchical Learning in the Context of the Learning Systems in Reinforcement Learning presently
Many works and my experience in my last work show that people use some kind of hierarchical approach in their learning and decision making process. As it has the both benefits of flexibility due to environment changes and the lower computational cost. So I decided to work in this field for my thesis.
- Predicting human responses using machine learning methods on EEG data presently
- Analyzing economical and financial trends of countries using data from [wordbank website](#) with statistical and machine learning methods fall 2017
- Analyzing the latest census data of Iran using statistical inferences methods. fall 2016
- Irrational Subgoal Selection In Human with Induced Complexity 2015
We designed a novel task and analyzed the human behaviors and their eye tracking data while performing the task. We saw that in some complex situations people would define some irrational subgoals to reduce the complexity while there is no distinct subgoal defined for them.

Publication

- Irrational Subgoal Selection In Human with Induced Complexity in progress

Teaching Experience

- Machine Learning Graduate Course Chief Teaching Assistant of [Dr. Nili Ahmadabadi](#) University of Tehran Fall 2017
- Statistical Inference Graduate Course Teaching Assistant of [Dr. Bahrak](#) University of Tehran Spring 2017
- Machine Learning Graduate Course Teaching Assistant of [Dr. Nili Ahmadabadi](#) University of Tehran Fall 2016
- System Analysis & Design Under-graduate Course Teaching Assistant of [Dr. Ghasemi](#) University of Tehran Spring 2015, 2016
- Artificial Intelligence Under-graduate Course Teaching Assistant of [Dr. Moradi](#) University of Tehran Spring 2014

Working Experience

- Software Developer in Informatics services corporation Summer 2015

Honors and Awards

- Iran's National Elites Foundation Scholarship 2016-2017
As an exceptional talent student
- Exceptional Talent Student 2015
Exempt from M.S university entrance exam as an exceptional talent student.
University of Tehran
- ACM Student Chapter Excellence Award Winner [Outstanding School Service](#) 2014-2015
as Journal Advisor
- Ranked in Top 0.1% 2011
Ranked 374th among more than 400,000 participants in the Nationwide University Entrance Exam for B.S. degree.

Leadership and Membership

- Managing Director & Editor-in-chief, [F1 Scientific Journal](#) 2013 - 2014
F1 is the scientific journal of ACM student chapter of University of Terhan.
- ACM Student Chapter, member 2013 - 2015
University of Tehran
- IEEE Student Chapter scientific journal (Jaryan), editor-in-chief Fall 2014

Skills

- Familiar with LaTeX
- Familiar with the Data visualization methods by passing the course of [Data Visualization](#) in [coursera website](#)
- Programming languages
 - Proficient in Matlab, R, Java,
 - Familiar with Python, Ruby, C++
- Operating Systems : Linux, Windows, Mac

- Language
 - Persian: native
 - English: fluent, TOEFL scores: R:28, L:30, S:23, W:26, TOTAL:107