

Saeed Masoudian

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EDUCATION

- ◇ **B.S. in Software Engineering, Minor in Pure Mathematics**, [Department of Computer Engineering](#),
[Sharif University of Technology](#), Tehran, Iran. Sept. 2011 – June 2016
 - *Thesis*: A REVIEW ON QUESTION ANSWERING SYSTEMS USING NEURAL AND MEMORY NETWORKS
 - **GPA: 17.89/20**
- ◇ **M.S. in Artificial Intelligence**, [Department of Computer Engineering](#),
[Sharif University of Technology](#), Tehran, Iran. Sept. 2016 – June 2018 (expected)
 - **GPA: 20/20**
- ◇ **Young Scholars Club**, Tehran, Iran. Summer 2010
 - *Iranian National Olympiad in Mathematics*, **GOLD MEDAL**.
- ◇ **High School Diploma in Physics and Mathematics Discipline**, [Atomic Energy High School](#), Tehran, Iran. Sept. 2007 – June 2011
 - **GPA: 18.4/20**

RESEARCH INTERESTS

- ◇ **Computational and Experimental Neuroscience**
- ◇ **Machine Learning and Artificial Intelligence**
- ◇ **Algorithms**

RESEARCH EXPERIENCE

- ◇ **Sharif University of Technology (SUT)** 2013 - not submitted
Department of Computer Engineering, Distributed Systems Lab
Under supervision of [Prof. M. Izadi](#)

HONORS AND AWARDS

- ◇ **Gold Medal** in Iranian National Olympiad in Mathematics. Summer 2011
- ◇ **Qualified for Finals Round** of Senior Path Finder League in the 2nd Sharif Open Robotics Competition 2013
- ◇ Recipient of the **grant** and membership of **Iranian National Elites Foundation**, for outstanding academic success. 2011 - current

TEACHING EXPERIENCE

- ◇ Teacher Assistant, [Department of Computer Engineering](#),
[Sharif University of Technology](#), Tehran, Iran. 2013 - 2015
 - Theory of Languages and Automata, Prof. Movaghar Fall 2015
 - Discrete Structures, Prof. Abam Fall 2014
 - Theory of Languages and Automata, Prof. Movaghar Fall 2014
 - Data Structures and Algorithms, Prof. Abam Spring 2014
 - Discrete Structures, Prof. Zarrabi-Zadeh Spring 2014
 - Numerical Methods, M. Gharib Fall 2013
- ◇ Lecturer
 - [Atomic Energy High School](#), Preparing students to participate in Mathematical Olympiad, Round 2nd. 2010 - 2012
 - [Farzanegan High School](#), Preparing students to participate in Mathematical Olympiad, Round 2nd. 2013 - 2014

- WORKING EXPERIENCE
- ◇ Employee of Software Development, [Pegah-Tech Company](#), Providing [Backtory](#) (back-end as a service) to other companies (Java Spring, Nginx, Elasticsearch, Gluster)
- RELATED COURSEWORK
- ◇ **Graduate courses:**
 - Stochastic Processes (20/20), Computational Geometry (20/20), Computational Theory (20/20)
 - ◇ **Undergraduate courses:**
 - Artificial Intelligence (19.7/20), Modern Information Retrieval (18.9/20), Design and Analysis of Algorithms (18.4/20), Data Structure and Algorithms (17.5/20),
 - ◇ **Online courses**
 - Computational Neuroscience, provided by Washington University through Coursera Inc. Instructors: Rajes P.N.Rao, Adrienne Fairhall (current)
 - Machine Learning, provided by Stanford University through Coursera Inc. Instructor: Andrew Ng (passed)
- SKILLS
- ◇ Operating Systems: Linux, OS X, Windows
 - ◇ Programming Languages: Matlab, Octave, Java, Python, C/C++, , HTML, CSS, JavaScript, Prolog
 - ◇ Programming Framework : Django, Play, Spring,
 - ◇ Document Preparation: \LaTeX , Microsoft Office
 - ◇ Programming Tools: Scikit-learn, Lucene, Elasticsearch, Git, PyCharm, IntelliJ, Eclipse, Microsoft SQL-Server Workbench, Nginx Webserver
 - ◇ Languages: Persian/Farsi (native), English (fluent)