

# MohammadReza Safari

Floor 2, No. 11, Yas 1 alley, Baghestan,  
Shahriyar, Tehran, IRAN.

Reza.Safari6311@gmail.com  
Cell Phone: +98 9220725278  
My LinkedIn

EDUCATION	<b>M.Sc. Institute for Cognitive Science Studies</b> (2020 - 2023) Major: Cognitive Science, Cognitive Psychology Thesis: Cognitive load assessment with analysis of electroencephalogram signals Supervisors: Dr. Reza Shalbaf and Dr. Ahmad Shalbaf GPA: 19.29 out of 20		
	<b>B.Sc. Sharif University of Technology</b> (2014 - 2019) Major: Electrical Engineering, Power Thesis: Optimal Design of a Disk Type Resolver with the Aim of Minimizing Consumables Supervisor: Dr. Zahra Nasiri Gheidari		
RESEARCH INTERESTS	Cognitive Modeling, Machine Learning, Deep Learning, Software Development		
SKILLS	<ul style="list-style-type: none"><li>• JAVA (Spring Boot)</li><li>• Machine Learning</li><li>• Deep Learning</li><li>• Matlab (+EEG lab)</li><li>• Python</li></ul>		
LANGUAGE	<ul style="list-style-type: none"><li>• English</li><li>• Persian (Native)</li></ul>		
PUBLICATIONS	<ul style="list-style-type: none"><li>• <b>MohammadReza Safari</b>, Reza Shalbaf, Sara Bagherzadeh Ahmad Shalbaf ”<b>Classification of mental workload using brain connectivity and machine learning on electroencephalogram data</b>”, Scientific Reports (April 2024)</li><li>• <b>MohammadReza Safari</b>, Sara Bagherzadeh, Ahmad Shalbaf Reza Shalbaf ”<b>Classification of Mental Workload with EEG Analysis by Using Effective Connectivity and a Hybrid Model of CNN and LSTM</b>”, Computer Methods in Biomechanics and Biomedical Engineering (July 2024)</li><li>• Mohammad Mohammad-Yari, <b>MohammadReza Safari</b>, Ramin Alipour-Sarabi, Zahra Nasiri-Gheidari Farid Tootoonchian ”<b>Optimal Winding Selection for Wound-Rotor Resolvers</b>”, Scientica Iranica (July 2019)</li></ul>		
CERTIFICATES	<ul style="list-style-type: none"><li>• Machine Learning</li><li>• EEG Signal Recording Signal Processing Workshop</li><li>• Fundamental Neuroscience for Neuroimaging</li><li>• Data Processing with Deep Learning Techniques based on Python</li></ul>		
HONORS AND AWARDS	<ul style="list-style-type: none"><li>• Became one of the <b>top 3</b> out of 33 participating teams in <b>cognitive engineering 2021</b> (CO-GENG2021) and qualified for the final. In this match, we analyzed the ECoG data with Python and Matlab to find category selectivity channels in the brain.</li><li>• Achieving <b>18th</b> place in the national entrance exam (Konkur) among more than <b>45,000 participants</b>(2014)</li><li>• Qualified for the second level of the Iran Physics Olympiad (2013)</li></ul>		
REFERENCES	<b>Dr. Reza Shalbaf</b> Assistant Professor Institute for Cognitive Science Studies (shalbaf@icss.ac.ir)	<b>Dr. Ahmad Shalbaf</b> Assistant Professor SBMU (shalbaf@sbmu.ac.ir)	<b>Dr. Zahra Nasiri-Gheidari</b> Associate Professor Sharif University of Technology (znasiri@sharif.edu)