Sara Rostami-Curriculum Vitae

Personal Data

Phone:	+98-(911) 778 4215
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Research Interests

Computational Neuroscience, Behavioral Neuroscience, Machine Learning

Education

University of Tehran, Tehran
MSc in Artificial Intelligence
2021-present

Babol Noshirvani University of Technology, Babol
BSc in Computer Engineering
GPA: 17.38/20 out of 140 credits
Thesis Title: EEG-based emotion recognition using Deep Reinforcement Learning
Supervisor: Dr. Hesam Omranpour
2016-2021

National Organization for Development of Exceptional Talents (Sampad), Babol
High School Diploma in Mathematics
GPA: 19.64/20
2009-2016

Honors and Awards

Ranked 98th among 14,000 participants in the National Matriculation Exam (M.Sc.), Iran
2021

Ranked 3rd at Computer Engineering Dept., Babol Noshirvani University of Technology, Babol, Iran	2020
Ranked top 1.6% among 300,000 participants in the National Matriculation Exam (B.Sc.), Iran	2016

Selected Academic Projects

EEG-based emotion recognition using Deep Reinforcement: This is my B.S. project. We used Deep Reinforcement Learning for recognizing emotions based on EEG signals.	Summer 2021
Implementation of a simple compiler for TSLANG (for compiler design course)	Winter 2019
A simple application for Iran's Persian Gulf Pro League (for Database Design course)	Fall 2018
An Implementation of a simplified Flight Management System (for Introduction to Computer Science and Programming)	Fall 2016

Work Experience

Treata Payesh Salamat- UI/UX Designer as an Intern	Summer 2019
Research Intern in Genzel lab	August 2022 - Febuary 2023

Licenses & Certifications

Computational Neuroscience at Neuromatch academy (course & project as a student)	Summer 2022
Signal processing problems, solved in MATLAB and in Python (Mike x Cohen)	Summer 2022

Computer Skills

Programming	Python, Matlab, R, Sql, C#, Java

Selected Courses

Undergraduate	B.Sc. Project: 19/20 Signals and Systems: 19.5/20 Graph Theory: 20/20 Introduction to Programming Contests: 20/20 Operating Systems: 20/20 Fundamentals of Compiler Designs:19.1/20 language theory and automata: 18/20
Graduate	Machine Learning: 19/20 Statistical Inference: 18.7/20 Introduction to Neuroscience: 18.45/20 Advanced Robotics: 17.01/20

Languages

Persian (Fluent) - English (Fluent)

References

Prof. Ali Gholami Rudi	assistant professor, Babol Noshirvani University of Technology, Electrical and Computer Engineering Department, email: gholamirudi@nit.ac.ir
Prof. Hesam Omranpour	assistant professor, Babol Noshirvani University of Technology, Electrical and Computer Engineering Department, email: h.omranpour@nit.ac.ir