**Sara Rostami-Curriculum Vitae**

**Personal Data**

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| Phone: | +98-(911) 778 4215 |
| Email: | sararostami.d98@gmail.com |
| Website: | http://sararostami.github.io/ |

**Research Interests**

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| Computational Neuroscience, Behavioral Neuroscience, Machine Learning |

**Education**

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| 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 |
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**Honors and Awards**

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| 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**

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| 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)](https://code-projects.org/flight-management-system-in-c-with-source-code/) | Fall 2016 |

**Work Experience**

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

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| 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**

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

**Selected Courses**

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| **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 |
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Languages

Persian (Fluent) - English (Fluent)

References

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| **Prof. Ali Gholami Rudi** | assistant professor,  Babol Noshirvani University of Technology,  Electrical and Computer Engineering Department,  email: [gholamirudi@nit.ac.ir](mailto: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 |