Nafise Naseri (1998 Tehran, Iran)

Marital Status: Single

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Research Gate Account: https://www.researchgate.net/profile/Nafise_Naseri2

Google Scholar Account: https://scholar.google.com/citations?hl=en&view_op=list_works&authuser=2&gmla=AJsN-F7HblRCNqc1JPDs7IAfnq9km0QGPWkdQZAcGy_Nb4oC54_Pzmlf9bGTVpQzuiQxPPlPE57yhXVDxO2uewZ8kinWOqb2tA&user=wYIbuMEAAAAJ

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Education

Ph.D. in Biomedical Engineer (Bioelectric), Amirkabir University of Technology, Tehran, Iran (2022 - present)

M.Sc. in Biomedical Engineer (Bioelectric), Amirkabir University of Technology, Tehran, Iran (2020 - 2022)

B.Sc. in Biomedical Engineer (Bioelectric), Shahed University, Tehran, Iran (2016 - 2020)

Diploma in math, National Organization for Development of Exceptional Talents (Sampad), Farzanegan High School, Tehran, Iran (2012 - 2016)

Experience

Researcher, Center for Mathematic and Computational Biology, Amirkabir University of Technology, Tehran, Iran (2021 - present)

Review Editor, Networks of Dynamical Systems, Frontiers (2021 - present)

Trainee, Medical Device Department, Bioinstrumentation Section, Naft Hospital, Tehran, Iran (summer 2019)

Students' supporter, Farzanegan High School (2012 - 2014)

Projects

M.Sc. Thesis: Dimension reduction of complex neural networks with preserving the nonlinear features of their collective behavior (2021)
Supervisors: Dr. Farnaz Ghassemi, Dr. Sajad Jafari

B.Sc. Thesis: Drivers' stress quantization in different circumstances with Heart Rate Variability (2020)
Supervisor: Dr. Ali Moti Nasrabad

Language skills

English

- Reading, Writing (professional)
- Speaking, listening (limited)

Computer skills

MATLAB, Python, PSpice, LaTeX, C++, Adobe Photoshop, ICDL

Research Interests and ability

Chaotic oscillators, nonlinear dynamics, complex networks theory, dimensionality reduction, reservoir computing, neuroscience, neural networks.