PERSONAL INFORMATION

Shahryar Noei

WORK EXPERIENCE

Jan 2023 – Now

Machine Learning Researcher
Fondazione Bruno Kessler, Trento, Italy

Nov 2018 – Nov 2022

PhD Researcher
Istituto Italiano di Tecnologia, Rovereto, Italy

- Applying machine learning/signal processing methods on animal brain electrophysiological data

Jun 2018 – Aug 2018

Data Scientist
Taraabarnet, Tehran, Iran

- Working on intelligent pricing algorithm based on machine learning techniques for industrial transportation

Startup

Jun 2017 – Jun 2018

Research Assistant
Institute for Research in Fundamental Sciences, Tehran, Iran

- Research assistant at Brain Engineering Research Centre

Research

Jul 2016 – Jan 2017

Data Scientist
TAP30, Tehran, Iran

- Working on intelligent pricing algorithm based on machine learning techniques for online transportation network.

Startup

EDUCATION AND TRAINING

Nov 2018 – Nov 2022

Doctor of Philosophy - PhD
Università degli Studi di Trento, Trento, Italy

- Brain and Cognitive Sciences

Sep 2014 – Jan 2017

Master of Science - MSc
Sharif University of Technology, Tehran, Iran

- Biomedical/Medical Engineering

Sep 2009 – Sep 2014

Bachelor of Science - BSc
K. N. Toosi University of Technology, Tehran, Iran

- Electrical and Electronics Engineering

WORK ACTIVITIES

Awards

Graduating PhD with Cum Laude

Selected as the best PhD project presentation at the center for brain and mind sciences doctoral student day.

ADDITIONAL INFORMATION

Publications

total number of publications in peer-review journals: 5
total Impact Factor (IF) (average IF/paper): 45.57 (9.114)
total number of citations: 185
H index: 7

Distinct ensembles in the noradrenergic locus coeruleus are associated with diverse cortical states.
Proceedings of the National Academy of Sciences of the United States of America · Apr 29, 2022

Increased fMRI connectivity upon chemogenetic inhibition of the mouse prefrontal cortex
Nature communications · Feb 25, 2022

Methods for inferring neural circuit interactions and neuromodulation from local field potential and electroencephalogram measures.
Brain Informatics · Dec 15, 2021

Photoacoustic signal enhancement: towards utilization of low energy laser diodes in real-time photoacoustic imaging
Sensors · Oct 10, 2018

Universal in vivo textural model for human skin based on optical coherence tomograms.
Scientific Reports · Dec 20, 2017