

MEHDI NOURELAHI

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EDUCATION

- Ph.D. in Computer Science,** Expected 2024
University of Wyoming, Laramie, USA
Selected Coursework: Operating Systems Design, Algorithms and Data Structures.
- M.Sc. in Biomedical Engineering,** 2018
Shiraz University of Medical Sciences, Shiraz, Iran
Selected Coursework: Pattern Recognition, Artificial Intelligence, Digital Signal Processing, Image Processing, Physiological Systems Modeling.
- B.Sc. in Electrical Engineering,** 2015
Babol Noshirvani University of Technology, Babol, Iran
Selected Coursework: Electronics, Modern Physics, Computer Programming, Engineering Mathematics, Linear Control Systems.

RESEARCH EXPERIENCE

- **Investigating the Possibility of Predicting Breast Cancer Survivability Using Machine Learning**
(Master Thesis Research),
Department of Medical Physics and Engineering, Shiraz University of Medical Sciences, Shiraz, Iran
- **Predicting Glasgow Outcome Scale,**
Department of Neurosurgery, Shahid Rajaei Hospital, Shiraz, Iran
- **Using Clustering Methods to Categorize Different Stages of Cancer in Head and Neck Ovarian Cancer,**
Department of Biostatistics, Shiraz University of Medical Sciences, Shiraz, Iran

PUBLICATIONS

- **A Model to Predict Breast Cancer Survivability Using Logistic Regression,**
Authors: M Nourelahi, A Zamani, A Talei, S Tahmasebi
Middle East Journal of Cancer 10 (2), 132-138
- **Finding Groups in Patients with Ovarian Cancer Based on Gene Expression Data: Comparison of Four Clustering Methods (Revised),**
Authors: S Pourahmad, M Nourelahi, S Foroozani, A Hosseini, M Razmkhah
- **Developing a Model for Traumatic Brain Injury (TBI) Prognosis (Under Preparation),**
Authors: M Nourelahi, M Ghofrani-Jahromi, H Parsaei, H Khalili

SKILLS

Software (SPSS, Weka, vim, git)

Programming (Python, Matlab, C/C++, R)

Operating System (Linux Based, Windows, MacOS, Android)

Typesetting (\LaTeX , Microsoft Office)

HONORS & AWARDS

- Scholarship Recipient, AAAI Conference, 2020.
- Ph.D. Fund, University of Wyoming, USA, 2019.
- Ranked in top 1% in the national universities entrance exam, M.A. degree in philosophy-logic, Iran, 2016.
- Ranked in top 0.5% in the national universities entrance exam, M.Sc. degree, Iran, 2015.
- Ranked in top 1% in the national universities entrance exam, B.Sc. degree, Iran, 2010.

RESEARCH INTERESTS

- Data mining
- Machine learning
- Deep learning
- Natural language processing

EXTRACURRICULARS

Philosophy, Cinema, Photography, Chess